M.O. 597 AIR MINISTRY

METEOROLOGICAL OFFICE

RÉSEAU MONDIAL 1933

Monthly and annual summaries of pressure, temperature, and precipitation based on a world-wide network of observing stations

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RÉSEAU MONDIAL, 1933

PREFACE

The Réseau Mondial is now published under the auspices of the World Meteorological Organization. a Commission for the Réseau Mondial having been re-established in 1947 as a Permanent Sub-Commission to the Climatological Commission of the International Meteorological Organization, to foster the enterprise. An account of its early history is given in the Preface to the volume for 1914. The publication of the data commenced in 1917 with the annual volume for 1911, and during the four following years the volumes for 1912, 1913, 1910 and 1914 were issued in that order. Since the appearance of the volume for 1914, meetings of the International Commission for the Réseau Mondial have taken place in connexion with the meetings of the International Meteorological Committee held in London in 1921, in Zurich in 1926, in Copenhagen in 1929, and in Warsaw in 1935. At the London meeting the Commission approved the general form in which the results had been published, and adopted a resolution, subsequently endorsed by the Committee, requesting that the publication of similar data for ensuing years might be continued. In compliance with that request, nineteen additional volumes have now been issued.

The volume for 1921, for the first time, gave effect to a wish, also voiced at the meeting held in London, for the inclusion of data from the oceans as well as from land stations. In that volume the information was confined to two five degree "Squares" in the North Atlantic. In subsequent volumes the number of squares varied from year to year, being as high as 14 in 1924 and 1925. In general, mean values are deduced from not less than 365 observations per year, thus putting a square on a par with a land station observing once daily, but where the total number of observations in any one month falls to 14 or less, the mean values for that month are omitted from the tables. In recent years the number of observations available from ships has greatly decreased and for this reason it has been possible to include only one marine "square" in the present volume.

At the meeting of the Commission held in Zurich in 1926, the following rules were adopted to regulate the practice regarding the normals to be used at land stations in the Réseau Mondial.

"(*a*) Departures from normal will not be employed unless the series of observations available covers a period of 10 years or more.

(*b*) A normal will be prepared for any station as soon as ten years' observations are available. This normal will remain in use for the next five years. When data for 15 years are available the normal will be revised. A further revision will take place when data for 25 years become available, and a final revision when data for 35 years become available. Normals covering a period of 35 years or more will only be revised when opportunity offers.

(*c*) While the procedure laid down in paragraph (*b*) will be the one usually followed, advantage will be taken of any redeterminations of normals, which become available. Such an opportunity is presented by the publications of the collection of 'Long Series' data which is now being made by the Smithsonian Institution, and normals based on these data will be brought into use in the volume of the Réseau Mondial for 1921.

(*d*) When an official meteorological service publishes departures from normal in its current publication these may, if thought desirable, be used in the Réseau Mondial.

(*e*) The periods covered by the normals will be set out in the 'Table of Authorities' as at present. Whenever new normals are introduced the attention of readers will be called to the change by adding an appropriate sign to the figures to which the new normal has first been applied."

In editing the present volume these rules have been closely followed.

At their meeting in Washington in 1947, the Conference of Directors again emphasized the importance of resuming the publication of the Réseau Mondial.

At the meeting of the International Meteorological Conference in Washington in 1947 when the Commission was reconstituted as a Sub-Commission of the Commission for Climatology, Dr. C. E. P. Brooks, Great Britain, became President. The other members of the Sub-Commission in August 1948 were:-

Mr. C. C. Boughner (Canada); Mr. J. E. Foley (Australia); Mr. M. Rigby (U.S.A.); Mr. J. Sanson (France); Mr. V. V. Sohoni (India).

A list of the additions or changes made in the network of stations since the issue of the preceding volume is given below. These changes have been made in consultation with the Directors of the National Meteorological Services concerned.

Additions

Zone 3, 60° - 50° N.	320a Moosonee
Zone 9, 0° - 10° S.	925 Parintins
Zone 10, 10° - 20° S.	1046a Tamatave
	1047 Vohémar
	1048 Antalaha
	1070 Vila, New Hebrides
Zone 11, 20° - 30° S.	1071 Rotuma, Fiji
	1145 Tuléar
	1146 Fort Dauphin

Substitutions

Zone 2, 70° - 60° N.	207 Cordova for Valdez
	208 Fairbanks for Eagle
	238 Ona for Aalesund
Zone 6, 30° - 20° N.	639 Gat for Sebha
Zone 7, 20° - 10° N.	735 Bamako for Nienebale
	759 Iba for Bolinao

Deletions

Zone 8, 10° - 0° N.	824 El Peru, Guayanavieja

Change of site

A change of site has been made at the following station.

Zone 6, 30° - 20° N.	614 La Paz, Mexico

Missing data

Data for the following stations are missing:-

Zone 2, 70° - 60° N.	249 Berezov
	250 Obdorsk
	251 New Port
	252 Sourgout
	253 Doudinka
	254 Touroukhansk
Zone 3, 60° - 50° N.	358 Kirensk
	360 Nertchinskii Zavod
Zone 4, 50° - 40° N.	464 Vladivostok
Zone 5, 40° - 30° N.	546 Lenkoran

The total number of stations used was 505 compared with 436 in 1932.

INTRODUCTION TO THE TABLES OF THE RÉSEAU MONDIAL FOR THE YEAR 1933

Subdivision of the globe and numbering of stations.- In order to facilitate the grouping of the information, the surface of the globe is divided into zones each covering ten degrees of latitude. These zones are numbered consecutively from north to south the number 0 being assigned to the zone extending from latitude 90° N. to latitude 80° N. The southern-most zone in the southern hemisphere for which observations are available, that extending from latitude 60° S. to latitude 70° S., accordingly becomes zone No. 15.

An identification number is assigned to each station. The first one or two digits in this number specify the zone to which the station belongs, and the last two digits indicate its position in longitude. For the latter purpose the zones are subdivided into 36 "squares" each extending over ten degrees of longitude, and two station numbers are assigned to each square. The enumeration of the stations starts from longitude 180° west of the meridian of Greenwich and proceeds eastward. A few examples will make the system clear. Station numbers 101 and 102 refer to the stations in zone 1 (i.e. between latitude 80° N. and 70° N.) between longitude 180° W., and 170° W., station numbers 335 and 336 to the stations in zone 3 (Latitude 60° N. to 50° N.) between longitude 10° W. and 0°; station numbers 1147 and 1148 to the stations in zone 11 (latitude 20° S. to 30° S.) between longitude 50° E. and 60° E., i.e. to the Indian Ocean. Where it has been found desirable to give data for more than two stations in one "square" the additional stations are distinguished by adding the letter "a" to the numbers appropriate to the square. For two squares in zone 6 it was considered desirable to give data representative of high and low levels. In square 30° N. - 20° N., 20° W. - 10° W. the mountain station Izaña has been included as well as La Laguna and in square 30° N. - 20° N., 90° E. - 100° E. the mountain station Cherrapunji as well as Gauhati. In both, the mountain station is indicated by the addition of the letter "m" to the number appropriate to the low level station.

In the monthly tables the data are arranged by zones, and within each zone, in the order of the identification numbers of the stations.

Units.- Absolute units related to the metric system are employed throughout. The scale on which temperatures are recorded in the Réseau Mondial is such that the freezing point of water under atmospheric pressure is 273° A. precisely. Other temperatures differ by 273·0° from readings on the Centigrade scale. Conversion tables, showing the relation of these units to the units more commonly in use, will be found on pp. xvi to xviii of the Réseau Mondial for 1914.

Authorities.- The data have been transcribed in most cases from the publications of the various Meteorological Institutes received in the Library of the Meteorological Office. Particulars of the sources from which they have been taken will be found in the Table showing the Authorities for the Meteorology of the Globe, printed at the end of the volume. The data for some stations in the British Colonies have been transcribed from manuscript returns received in the Meteorological Office, and may not yet have been published elsewhere. The majority of the stations for which information is given are under the control of Government Meteorological Services; it is therefore assumed that the recognised conventions regarding the instruments and their exposure have been followed. For other stations, information on these points is sometimes lacking, but no observations have been included that are known to be faulty in this respect. The positions of stations, their heights above sea-level, and the spelling of names, have been taken from the Official meteorological publications, if given, but for some it has been necessary to complete this information from other sources.

In the tables for 1918 the symbol $\mathfrak{T}$ was introduced to signify the true, or 24-hour, mean temperature. The letters a, b, c, etc., have replaced the symbols used in the volume for 1917 as references to the notes at the end of the Table of Authorities.

Height above sea level.- Particulars of the datum used in the European Countries when specifying heights above sea level will be found in the Introduction to the volume of Tables for 1914.

Normals.- Whenever possible, the departures from normal of the monthly values of mean pressure, mean temperature and precipitation, are given. An endeavour is made to ensure that the normals are based on the same combination of values as the current data, or on a comparable one. The years to which the normals refer are given in the Table showing the Authorities for the Meteorology of the Globe at the end of the volume.

Pressure.- The tables provide space for the entries of mean monthly pressure both at station level and at mean sea level. If the values at sea level are not given in the publication from which the data have been transcribed, they have been computed in the Meteorological Office for stations not exceeding 2,000 metres in altitude, of which the heights above sea level were accurately known. The reduction is based on an expansion of the formula $p_o = pe^{z/KT}$ and assumes that the temperature decreases upwards at the rate of 0·5° C. per 100 metres and that the average relative humidity of the air column between the station and sea level is 50 per cent. The monthly means of pressure are based for preference on hourly values, but when such are not available, combinations of observations at fixed hours have been used. Particulars of the combinations adopted at each station are given in the Table showing the Authorities for the Meteorology of the Globe under the heading "Remarks". For certain stations the correction required to reduce the means computed in this way to the means computed from hourly observations will be found in Table 1 (p.vii) of the Réseau Mondial 1928. Where it is possible to give values both for station level and for sea level, the differences from normal refer to the latter, except at the stations to which the letter "q" is given in the list of Authorities, for which the differences from normal refer to station level.

Temperature.- The monthly tables include the means of the daily readings of maximum and minimum thermometers, the highest reading of the maximum and the lowest reading of the minimum thermometers, the mean temperature obtained from the mean maximum and mean minimum, and a column giving the observed or deduced mean of 24 hourly values per day.

The column headed "24 hr. mean" contains: in Roman type means based on at least six equally-spaced observations each day; in italic type, either (a) means based on observations at one or more fixed hours, with or without an appropriate correction; or (b) means obtained by applying an appropriate correction to the mean of the mean daily maximum and mean daily minimum. The methods by which these figures in italics have been deduced are set out in the Table of Authorities in the column headed "Remarks" pp.105-114.

Precipitation.- The term precipitation includes rain, snow, hail, and (if of measurable amount) dew. The solid precipitates are measured by the depths of water they yield, or are computed to yield, when melted.

Wind.- No information regarding wind is included in the general tables, but on the last page of the volume, the monthly Resultant Direction and "Constancy" computed from daily observations of wind are given for selected stations in the tropics. No account is taken of wind strength in computing these quantities; each observation of direction is regarded as a unit vector and the resultant direction is obtained by compounding the unit vectors. The "constancy" is represented by 100 times the ratio of the vector sum of the unit vectors to the number of observations (calms included). Direction is specified by the azimuth of the point from which the wind is blowing, and is measured in degrees from north through east.

State of ice in the arctic seas.- Statistical information is given for each month on the last page of the volume. The table of number of days of ice visible from Iceland has been omitted as information is not now given in sufficient detail for the compilation of the table.

Bibliography of the meteorology of the globe.- A bibliography will be found on page xv of the Réseau Mondial 1914.

ADDITIONS AND CORRECTIONS 1910-32

1910-32:-

642 Siwa. Height of barometer resurveyed as −15 m. and this should be regarded as correct from the commencement of the record and pressure values at M.S.L. amended accordingly by +1·0 mb.

655 Gauhati. Height redetermined as 55·5 m. Pressure means at M.S.L. should be corrected by −0·4 mb. from January 1910 to Year 1932.

1925-1932:-

1035 St. Helena. Height redetermined as 604 m. Previous heights given for period 1925-1932 are incorrect. Corrected readings of pressure at M.S.L. are as follows:-

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1925	..	..	..	..	..	..	..	..	..	..	1017·9	1017·1	..
1926	1015·9	1014·6	1015·0	1016·7	1017·0	1018·9	1019·1	1019·9	1018·4	1017·8	1016·9	1016·0	1017·2
1927	1015·2	1015·3	1016·1	1015·1	1018·0	1018·2	1020·8	1020·0	1017·4	1018·2	1016·9	1016·9	1017·3
1928	1015·5	1016·4	1015·7	1015·4	1017·5	1018·8	1021·0	1020·7	1019·1	1018·5	1017·3	1016·4	1017·7
1929	1014·7	1014·5	1014·8	1016·0	1017·1	1018·8	1020·2	1020·2	1019·2	1018·2	1016·5	1015·6	1017·1
1930	1016·1	1015·5	1015·4	1016·0	1017·4	1018·7	1019·8	1020·0	1019·6	1018·0	1017·4	1016·5	1017·5
1931	1015·9	1014·4	1016·1	1016·3	1017·1	1019·5	1019·3	1020·9	1018·7	1019·1	1016·6	1017·1	1017·6
1932	1015·9	1015·7	1015·0	1015·4	1017·4	1019·2	1020·6	1018·7	1019·5	1017·9	1016·4	1015·8	1017·3

1929-1932:-

1365 Launceston. Height redetermined as 77·1 m. Pressure means at M.S.L. should be corrected by −0·5 mb. from December 1929 to Year 1932.

1932:-

539a Malta. Table of Authorities p.109 for 539a read 540.

1930-1932:-

653a Darjiling. The Observatory at Darjiling was moved on November 19, 1930 to a new site with a different exposure. A new normal has been derived with the aid of comparative observations. Values for November and December 1930 and Year 1930 refer to the old site in order that data for all months of 1930 may refer to one and the same site. The amendments for 1931 and 1932 refer to the new site and are due in addition to changes in index corrections and printing errors.

ADDITIONS 1931-1932

	Mean lat. of the obs.	Mean long. of the obs.	No. of obs.	Pressure		Temperature			
				Mean at M.S.L.	Diff. from Normal	Sea temp.	Diff. from Normal	Air temp.	Diff. from Normal
1931-1932:-	N.	W.		mb.	mb.	°A.	°A.	°A.	°A.
831	10°-5° N.,	30°-25° W.							
1931	° ′	° ′							
January	7 30	27 24	44-56	1014·2	+2·2	299·0	+0·3	298·7	+0·1
February	7 18	27 0	70-77	1013·0	+0·7	298·4	0·0	298·5	+0·3
March	7 30	27 18	67-75	1013·4	+1·5	298·6	−0·1	298·7	+0·2
April	7 28	27 24	82-96	1012·9	+0·7	299·1	+0·2	299·1	+0·3
May	7 19	27 30	85-95	1013·6	+1·2	299·3	+0·1	299·1	+0·1
June	7 20	27 40	82-96	1015·1	+1·5	299·7	+0·2	299·3	+0·2
July	7 20	27 36	74-78	1013·6	−0·2	299·8	+0·4	299·3	+0·3
August	7 18	27 36	47-58	1015·2	+1·6	299·8	+0·4	299·2	+0·2
September	7 24	27 24	65-69	1013·8	+0·8	300·1	+0·3	299·6	+0·2
October	7 20	27 3	72-83	1012·8	+0·6	300·7	+0·5	299·8	+0·3
November	7 24	27 42	46-50	1011·6	+0·1	300·1	+0·3	299·5	+0·1
December	7 22	27 35	44-53	1013·0	+1·2	299·6	+0·2	298·9	−0·3
Year	7 23	27 26	778-882	1013·5	+1·0	299·5	+0·2	299·1	+0·1

Authority: 1931. MS. data supplied by Meteor. Inst. Copenhagen; Meteor. Inst., De Bilt; Deutsche Seewarte, Hamburg; Weather Bureau, U.S. Dept. Agric., Washington D.C. and Meteor, Office, London.

	Mean lat. of the obs.	Mean long. of the obs.	No. of obs.	Pressure		Temperature			
				Mean at M.S.L.	Diff. from Normal	Sea temp.	Diff. from Normal	Air temp.	Diff. from Normal
	N.	W.		mb.	mb.	°A.	°A.	°A.	°A.
1932	° ′	° ′							
January	7 30	27 42	28-36	1013·0	+1·0	298·7	0·0	298·8	+0·2
February	7 24	27 36	30-34	1014·0	+1·7	298·8	+0·4	298·7	+0·5
March	7 24	27 36	32 43	1013·1	+1·2	299·2	+0·5	299·2	+0·7
April	7 36	27 18	40-52	1013·0	+0·8	299·5	+0·6	299·6	+0·8
May	7 15	26 56	54-58	1014·4	+2·0	299·6	+0·4	299·1	+0·1
June	7 18	27 17	35-46	1013·5	−0·1	299·9	+0·4	299·4	+0·3
July	7 24	27 42	26-39	1015·0	+1·2	299·7	+0·3	299·3	+0·3
August	7 18	27 18	26-29	1014·0	+0·4	299·6	+0·2	299·1	+0·1
September	7 30	27 24	22-24	1014·3	+1·3	299·6	−0·2	299·6	+0·2
October	7 18	27 18	24-27	1012·4	+0·2	300·4	+0·2	299·8	+0·3
November	7 15	27 19	39-42	1011·9	+0·4	300·3	+0·3	299·9	+0·5
December	7 18	27 24	25-29	1012·4	+0·6	299·7	+0·3	299·0	−0·2
Year	7 23	27 24	382-454	1013·4	+0·9	299·5	+0·3	299·3	+0·3

1932. MS. data supplied by Meteor. Inst., De Bilt; Weather Bureau, U.S. Dept. Agric., Washington D.C. and Meteor. Office, London.

Period of Normals and Remarks are the same as for 1933 (see p.111).

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	Mean at M.S.L.	Diff. from Normal	TEMPERATURE Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean*	Diff. from Normal	PRECIPITATION Total	Diff. from Normal
	1930-32	° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
653a	DARJILING	27.03 N.	88 16 E.	2265														
	1930																	
	November				..	..	..	..	..		..	..		..	..	..		
	December				..	..	..	285·7	..	..	..	276·8	..	..	..	..	40	+ 20
	Year				..	..	..	282·8	287·0	..	..	..	30th	279·7	279·2	+0·6	..	..
	1931				..	..	..	288·1	..	..	..	..	..	284·9	284·7	+0·2	..	..
	January																	
	February				..	..	..	282·6	..	..	..	..	1st,23rd	279·3	278·9	+1·1	..	..
	March				..	..	..	282·1	..	27th,28th	275·9	..	..	279·0	278·9	+0·4	17	− 12
	April				..	..	..	287·1	..	..	..	..	..	..	..	+1·0	8	− 44
	May				..	..	..	290·1	..	..	283·5	..	..	286·8	287·1	+1·3	191	+ 92
	June				..	..	..	289·8	293·0	1st	284·2	..	..	287·0	287·1	..	259	+ 3
	July				..	..	..	292·1	..	..	..	..	..	289·5	289·1	+0·7	..	− 224
	August				..	..	..	291·3	..	..	287·7	286·9	5 days	289·5	289·3	+0·1	..	+ 204
	September				..	..	..	..	..	..	288·1	286·3	..	290·5	290·2	+1·3	..	− 292
	October				..	..	..	..	..	..	..	285·8	5 days	..	..	+0·2	..	+ 135
	November				..	..	..	291·1	..	8th,12th	284·5	..	..	..	..	+1·6	82	− 42
	December				..	..	..	286·1	..	..	..	..	..	282·7	282·4	0·0	12	− 7
	Year				..	..	..	283·8	287·4	11th	276·6	..	..	280·2	279·7	+0·8	..	..
	1932				..	..	..	288·3	..	..	..	..	..	285·3	285·1	+0·6	3124	− 7
	January																	
	February				..	..	..	281·5	286·3	10th	275·4	..	24th,25th	278·5	278·1	+0·3	..	..
	March				..	..	..	280·4	..	..	274·2	..	6th,7th,8th	277·3	277·2	..	..	− 17
	April				..	..	..	287·4	..	6 days	..	..	..	283·8	284·0	+1·5	..	− 25
	May				..	..	..	289·9	..	..	..	..	..	286·3	286·6	+0·8	..	− 16
	June				..	..	..	290·9	..	..	..	..	..	287·9	288·0	+0·8	..	− 88
	July				..	..	..	291·2	..	..	287·2	285·8	1st,2nd	289·2	288·8	+0·4	..	− 150
	August				..	..	..	292·1	..	..	..	..	..	289·7	289·5	+0·3	507	− 362
	September				..	..	..	291·7	..	28th,31st	287·5	..	..	289·6	289·3	+0·4	..	− 170
	October				..	..	..	..	..	..	..	..	..	..	..	+0·6	..	− 204
	November				..	..	..	289·6	..	22nd,23rd	283·4	..	..	..	..	+0·3	..	− 97
	December				..	..	..	287·6	291·3	2nd	..	..	..	284·3	284·0	+1·6	..	+ 107
	Year				..	..	..	..	..	..	..	..	..	..	..	+0·3	..	..
		° ′	° ′	metres	mb.	mb.	mb.	288·1	..	..	..	..	Feb.6,7,8	285·2	285·0	+0·5	2328	−1003
								°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

#Change of normals, see Table of Authorities, pages 105-15.

ADDITIONS 1931-1932

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	Mean at M.S.L.	Diff. from Normal	TEMPERATURE Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean*	Diff. from Normal	PRECIPITATION Total	Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
435	Madrid	40 24 N.	3 41 W.	667														
	1932																	
	January				949·4	1029·8	+5·7	281·8	286·0	15th	273·5	268·0	2nd	277·7	277·4	0·0	22	− 3
	February				939·5	1019·1	−1·2	282·6	286·9	6th	272·6	269·0	16th	277·6	277·0	−1·5	30	− 15
	March				936·0	1013·7	−3·3	287·8	292·9	23rd	277·3	272·4	7th	282·6	282·0	+1·0	49	+ 13
	April				937·4	1014·9	−0·4	289·6	294·5	10th	277·7	273·6	6th	283·7	283·0	−0·8	26	− 9
	May				939·1	1015·1	−0·2	294·8	302·5	29th	282·1	277·4	8th	288·5	287·8	+0·2	16	− 24
	June				939·4	1014·5	−1·0	297·8	304·4	26th	285·2	281·4	2nd	291·5	290·7	−1·1	43	+ 7
	July				938·6	1012·7	−2·0	302·6	310·0	29th	288·2	281·5	29th	295·4	294·3	−0·8	15	+ 7
	August				941·0	1014·4	+0·1	305·7	309·5	9th	290·5	287·0	4th	298·1	297·3	+1·5	1	− 6
	September				939·5	1014·6	−2·0	298·3	307·1	4th	286·6	278·0	30th	292·5	291·4	−0·3	56	+ 21
	October				940·4	1017·4	0·0	291·8	297·1	3rd	280·5	273·6	29th	286·2	285·5	+0·8	11	− 35
	November				942·0	1020·3	+1·4	287·1	291·4	1st	278·3	272·8	28th	282·7	282·0	+0·8	41	− 21
	December				936·0	1015·0	−6·8	282·9	287·6	4th	276·2	271·6	28th	279·6	278·5	+0·3	89	+ 48
	Year				939·4	1016·3	−1·3	291·9	310·0	July 29	280·7	268·0	Jan. 2	286·3	285·6	−0·6	399	− 19
537	Palma	39 34 N.	2 39 E.	23·0														
	1932																	
	January				1024·1	1026·9	+7·4	289·2	297·0	4th	276·9	273·6	2nd	283·1	281·8	−0·4	15	− 26
	February				1014·5	1017·3	−1·4	286·0	289·8	6th	275·5	273·4	25th	280·7	280·1	−4·3	56	+ 21
	March				1009·5	1012·3	−3·3	290·8	298·0	12th	279·9	275·8	22nd	285·4	284·6	−0·3	31	− 8
	April				1011·5	1014·2	−0·6	291·6	295·2	1st	281·0	276·0	13th,14th	286·3	286·9	−1·7	6	− 30
	May				1012·9	1015·6	−0·1	296·5	300·4	20th	283·6	279·8	2nd,10th	290·1	289·8	−1·2	40	0
	June				1012·5	1015·2	−2·2	298·9	300·4	28th	287·7	283·8	9th	293·3	293·0	−1·7	32	+ 14
	July				1011·3	1014·0	−4·0	301·4	304·4	12th	290·2	286·2	17th	295·8	295·5	−2·4	31	+ 20
	August				1014·2	1016·9	−1·0	304·8	310·4	17th	291·7	287·8	7th	298·3	297·5	−0·2	44	+ 27
	September				1011·9	1014·6	−3·6	301·7	305·6	16th	291·6	283·8	30th	296·7	295·7	+0·4	37	− 15
	October				1012·1	1014·8	−2·2	296·7	302·2	2nd	286·0	280·8	30th	291·4	290·2	−0·5	40	− 39
	November				1015·0	1017·8	+0·6	292·6	296·2	6th	282·5	278·8	23rd	287·6	286·4	+0·1	75	+ 19
	December				1015·5	1018·3	+0·1	289·9	294·0	6th	280·6	276·4	28th	285·3	284·1	+0·7	114	+ 58
	Year				1013·8	1016·5	−0·8	295·0	310·4	Aug. 17	283·9	273·4	Feb. 25	289·5	288·8	−0·9	520	+ 40
634m	Izaña	28 19 N.	16 30 W.	2367														
	1932																	
	January				771·6	..	+2·8	280·3	284·6	20th	274·0	269·9	1st	277·1	277·1	+0·4	1	− 72
	February				764·6	..	−2·7	279·8	284·3	14th	273·6	268·8	29th	276·7	276·6	+0·2	49	− 15
	March				765·0	..	−1·3	281·7	287·8	30th	274·9	268·8	1st	278·3	278·3	+0·6	61	+ 7
	April				767·3	..	+0·7	283·0	290·2	14th	275·6	268·6	2nd,3rd	279·3	279·5	−0·2	70	+ 34
	May				769·2	..	+1·1	286·8	290·9	30th	278·6	273·2	9th	282·7	282·4	+0·7	1	− 11
	June				771·3	..	+0·5	289·7	296·5	23rd	281·2	276·6	20th	285·4	284·8	−0·5	0	− 2
	July				772·0	..	−1·1	293·3	299·0	3rd	284·9	280·0	7th	289·1	288·2	−1·0	0	0
	August				772·9	..	−0·1	293·9	297·7	14th	286·0	281·2	30th,31st	289·9	289·2	−0·9	22	+ 22
	September				771·2	..	−0·3	290·2	297·4	3rd	282·1	273·1	30th	286·1	285·6	−0·8	14	− 1
	October				770·9	..	+1·3	286·0	290·6	10th	279·1	274·2	29th	282·5	282·2	−0·3	7	− 35
	November				768·4	..	0·0	282·8	286·9	17th	276·7	271·9	28th,29th	279·7	279·6	+0·4	12	−154
	December				768·9	..	+0·2	279·9	283·7	23rd	274·1	270·7	14th	277·0	276·9	−0·5	17	− 41
	Year				769·4	..	+0·1	285·6	299·0	July 3	278·4	268·6	Apr. 2,3	282·0	281·6	−0·1	253	−269
634	La Laguna	28 28 N.	16 20 W.	547														
	1932																	
	January				958·1	1022·0	+0·8	290·5	295·8	19th	282·1	275·8	7th	286·3	286·7	+0·9	16	− 75
	February				950·2	1013·7	−6·2	289·1	293·0	3rd	281·7	278·4	7th	285·4	286·1	−0·1	65	− 18
	March				950·0	1013·3	−4·7	290·5	293·4	22nd	282·9	278·9	22nd	286·7	286·8	+0·5	84	+ 18
	April				952·6	1016·0	−1·3	290·8	297·8	13th	283·5	279·0	13th	287·2	287·0	−0·2	39	− 8
	May				953·0	1016·1	−1·1	292·5	295·8	19th	284·1	280·0	30th	288·3	288·4	−0·8	8	− 8
	June				954·1	1016·8	−1·2	293·8	297·8	23rd	286·1	282·1	23rd	290·0	290·0	−1·1	9	+ 1
	July				951·7	1014·1	−2·9	294·2	298·8	3rd	287·8	287·0	28th,29th	291·0	290·8	−2·3	19	+ 16
	August				952·4	1014·2	−1·5	299·0	307·3	9th	289·4	287·6	4th	294·2	293·7	−1·0	3	+ 1
	September				952·8	1015·0	−1·5	296·5	302·6	5th	288·6	284·4	15th	292·6	292·2	−1·1	14	+ 2
	October				953·8	1016·5	0·0	294·8	299·3	22nd	286·1	282·8	27th	290·5	290·3	−1·2	31	− 24
	November				952·6	1015·6	−1·9	291·8	295·9	17th	285·2	282·0	5th	288·5	288·5	+0·1	39	− 43
	December				955·0	1018·8	−2·0	288·7	291·3	9th	282·4	276·6	23rd	285·6	285·9	−0·7	91	− 2
	Year				953·0	1015·9	−2·1	292·7	307·3	July 9	285·0	275·8	Jan. 7	288·9	288·8	−0·5	418	−140
923	Senna Madureira	9 08 S.	68 40 W.	135														
	1931																	
	January				994·0	1009·4	..	304·7	309·2	17th	293·6	291·0	4th,8th	299·2	298·3	..	312	..
	February				994·6	1009·9	..	305·3	308·9	28th	293·6	290·9	5th	299·4	298·4	..	340	..
	March				994·6	1009·9	..	305·0	309·8	15th,31st	294·2	291·5	14th,15th	299·6	298·5	..	144	..
	April				994·6	1009·9	..	304·6	309·8	21st	293·9	292·2	24th	299·2	298·4	..	340	..
	May				995·2	1010·6	..	301·4	309·6	11th	291·2	286·2	5th	296·3	295·6	..	67	..
	June				996·6	1011·9	..	301·5	309·8	6th	289·6	284·9	17th	295·6	294·6	..	35	..
	July				996·7	1012·0	..	306·1	310·0	23,25,28	288·9	283·1	31st	297·5	295·7	..	0	..
	August				996·4	1011·8	..	306·8	310·0	15,20,28	289·7	282·4	1st	298·2	296·3	..	66	..
	September				995·9	1011·2	..	307·1	310·2	29th	293·0	287·4	1st	300·0	298·9	..	96	..
	October				994·6	1009·9	..	306·9	310·0	1,8,10	293·7	292·1	15th	300·3	299·1	..	184	..
	November				992·8	1008·2	..	305·6	310·0	9th	294·2	289·6	11th	299·9	298·6	..	92	..
	December				994·8	1010·2	..	305·7	309·0	2nd	294·4	292·8	14th	300·0	298·6	..	399	..
	Year				995·1	1010·3	..	305·1	310·2	Sept. 29	292·5	282·4	Aug. 1	298·8	297·6	..	2073	..
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
923	Senna Madureira	9 08 S.	68 40 W.	135														
	1932																	
	January				994·6	1009·9	..	305·3	309·1	14th	294·0	291·0	27th	299·6	*298·4*	..	218	..
	February				995·1	1010·6	..	304·6	308·9	11th	293·5	291·0	17,23,28	299·0	*298·0*	..	237	..
	March				994·7	1010·2	..	304·4	309·0	4th	293·4	290·8	7th	298·9	*297·8*	..	365	..
	April				994·6	1010·0	..	305·9	310·0	9th,12th	293·7	291·0	15,16,20	299·8	*298·3*	..	158	..
	May				995·8	1011·2	..	305·3	309·2	23rd	293·0	286·0	26th	299·2	*297·6*	..	143	..
	June				996·8	1012·3	..	304·9	309·0	19th,20th	291·9	286·2	8th	298·4	*296·8*	..	66	..
	July				998·2	1015·8	..	306·8	309·9	28th	290·8	286·2	4th	298·8	*297·4*	..	42	..
	August				997·8	1013·2	..	306·2	310·0	6,26,29	291·0	285·0	16th	298·6	*297·2*	..	28	..
	September				995·5	1011·0	..	305·6	310·0	15th	293·1	296·0	15th	299·4	*297·8*	..	208	..
	October				994·4	1009·8	..	306·7	310·0	14th,17th	294·3	292·0	18th	300·5	*298·7*	..	274	..
	November				993·8	1009·0	..	307·2	310·0	15th,20th	294·7	292·2	4th	301·0	*299·1*	..	254	..
	December				994·4	1009·8	..	305·9	309·7	19th	294·6	292·0	26th	300·2	*298·8*	..	315	..
	Year				995·5	1011·2	..	305·7	310·0	Sev.	293·2	285·0	Aug. 16	299·4	*298·0*	..	2309	..
923a	São Gabriel do Rio Negro	0 08 S.	67 05 W.	85·0														
	1931																	
	January				1000·0	1009·6	..	305·2	309·1	24th	296·1	293·1	28th	300·6	*299·4*	..	223	..
	February				999·0	1008·6	..	305·6	309·1	10th	296·2	294·7	24th	300·9	*299·5*	..	293	..
	March				1000·8	1010·4	..	304·9	307·5	10th	295·6	294·0	12th	300·2	*299·4*	..	330	..
	April				1000·8	1010·4	..	305·1	307·9	1st	295·4	294·2	14th	300·2	*299·2*	..	192	..
	May				1002·2	1013·2	..	303·7	308·0	2nd	295·0	293·6	6th	299·4	*298·4*	..	346	..
	June				1003·8	1013·5	..	302·9	305·6	26th	294·6	293·5	4th	298·8	*297·9*	..	235	..
	July				1003·0	1012·7	..	303·1	305·4	24th,27th	294·1	292·7	31st	298·6	*297·6*	..	173	..
	August				1006·2	1015·9	..	304·0	306·0	24th	294·1	291·6	10th	295·0	*298·0*	..	164	..
	September				1001·6	1011·4	..	305·4	308·1	11th	294·5	292·8	8th,17th	300·0	*298·5*	..	136	..
	October				1000·7	1010·3	..	305·5	309·0	25th	295·0	293·5	22nd	300·2	*299·0*	..	119	..
	November				998·6	1008·3	..	305·1	307·9	3rd	295·2	294·1	25th	300·2	*298·8*	..	213	..
	December				1000·2	1009·9	..	303·9	305·9	4th	294·6	292·4	3rd	299·2	*298·1*	..	254	..
	Year				1001·4	1011·2	..	304·5	309·1	Jan. 24 Feb. 10	295·0	291·6	Aug. 10	299·8	*298·6*	..	2676	..
	1932																	
	January				1000·0	1009·8	..	304·2	307·3	13th	294·8	293·4	11th	299·5	*298·2*	..	640	..
	February				1000·6	1010·3	..	304·6	307·2	28th	295·2	293·7	20th	299·9	*299·0*	..	379	..
	March				1000·7	1010·4	..	304·0	307·0	7th	295·0	293·1	8th,9th	299·5	*298·3*	..	384	..
	April				1000·2	1009·9	..	304·6	306·8	17th	295·0	293·1	4th	299·8	*298·2*	..	260	..
	May				1002·7	1012·4	..	302·9	306·2	8th	294·9	292·2	31st	298·9	*297·8*	..	311	..
	June				1002·4	1012·2	..	302·7	305·0	5th	294·7	293·2	19th	298·7	*297·4*	..	303	..
	July				1003·5	1013·2	..	303·6	305·9	20th	294·3	292·8	7th	299·0	*297·6*	..	142	..
	August				1002·2	1011·9	..	303·9	306·5	23rd	294·5	293·2	29th	299·2	*298·0*	..	230	..
	September				1001·4	1011·1	..	305·0	307·2	15th	294·6	293·2	18th,19th	299·8	*298·4*	..	189	..
	October				1000·2	1009·8	..	305·4	307·5	13th	295·2	293·8	6th	300·3	*299·0*	..	97	..
	November				998·8	1008·4	..	305·4	308·0	21st	295·4	293·6	29th	300·4	*299·4*	..	137	..
	December				999·5	1009·2	..	303·6	307·0	6th	295·0	293·8	26th	299·3	*298·4*	..	483	..
	Year				1001·0	1010·7	..	304·2	308·0	Nov. 21	294·9	292·2	May 31	299·6	*298·4*	..	3555	..
924	Manaos	3 08 S.	60 01 W.	43·8														
	1931																	
	January				1005·6	1010·6	..	303·4	306·2	29th	295·5	293·8	11th	299·4	*299·1*	0·0	189	− 59
	February				1004·7	1009·6	..	303·8	306·4	8th,9th	296·1	294·8	20th	300·0	*299·5*	+0·6	252	+ 21
	March				1006·4	1011·4	..	303·3	306·3	29th	295·7	292·4	5th	299·5	*299·1*	+0·2	288	+ 27
	April				1006·2	1010·8	..	303·4	305·8	23rd	295·7	294·2	3rd	299·6	*299·1*	+0·2	218	− 4
	May				1006·8	1011·8	..	303·6	306·1	17th	295·6	294·8	28th	299·6	*299·4*	+0·4	200	+ 31
	June				1008·2	1013·2	..	303·9	306·0	8th	295·5	294·8	23rd	299·7	*299·6*	+0·4	88	+ 5
	July				1007·2	1012·2	..	305·1	306·9	28th	294·9	292·4	23rd	300·0	*299·8*	+0·4	17	− 42
	August				1007·9	1013·0	..	305·9	308·0	28th,30th	295·2	292·5	3rd	300·6	*300·5*	+0·2	67	+ 29
	September				1006·4	1011·4	..	305·9	308·2	20th	295·4	293·4	14th	300·6	*300·2*	−0·4	91	+ 45
	October				1005·4	1010·3	..	306·1	308·3	5th	296·2	294·8	2nd	301·2	*301·0*	+0·4	105	− 1
	November				1003·6	1008·6	..	304·9	307·9	5th	295·8	293·8	18th	300·4	*300·0*	−0·3	158	+ 16
	December				1005·2	1010·2	..	303·9	307·5	31st	295·3	292·6	25th	299·6	*299·2*	−0·3	108	− 94
	Year				1006·2	1011·1	..	304·4	308·3	Oct. 5	295·5	292·4	March 5 July 23	300·0	*299·7*	+0·1	1781	− 26
	1932																	
	January				1005·5	1010·4	..	302·7	307·4	1st	295·2	293·7	16th	299·0	*298·7*	−0·4	322	+ 74
	February				1006·2	1011·1	..	302·7	306·4	28th	295·0	293·9	20th	298·8	*298·5*	−0·4	253	+ 22
	March				1005·8	1010·7	..	303·3	306·0	2nd	295·0	293·1	27th	299·2	*298·7*	−0·2	284	+ 23
	April				1005·0	1009·9	..	303·9	306·4	9th	295·6	294·0	6th	299·8	*299·3*	+0·4	139	− 83
	May				1007·0	1012·2	..	302·6	306·3	25th	295·5	294·5	20th	299·6	*299·3*	+0·3	100	− 69
	June				1006·8	1011·8	..	303·8	305·7	22nd	295·1	293·6	1st	299·4	*299·2*	0·0	74	− 9
	July				1007·8	1012·8	..	304·5	306·2	29th,31st	294·9	293·2	10th	299·7	*299·5*	+0·1	31	− 28
	August				1006·3	1011·2	..	305·5	308·5	26th	295·6	294·1	11th	300·6	*300·8*	+0·5	25	− 13
	September				1005·8	1010·7	..	306·1	308·3	15th	295·9	294·0	19th	301·0	*300·6*	0·0	79	+ 33
	October				1005·1	1010·0	..	306·8	308·7	20th	296·4	294·6	5th	301·6	*301·4*	+0·8	69	− 37
	November				1003·9	1008·8	..	306·7	310·2	9th	296·6	293·8	20th	301·6	*301·6*	+1·3	47	− 95
	December				1004·2	1009·1	..	304·4	307·0	5th	295·9	294·4	15th,17th	300·2	*300·0*	+0·5	226	+ 24
	Year				1005·8	1010·7	..	304·4	310·2	Nov. 9	295·4	293·1	March 27	300·0	*299·8*	+0·2	1649	−158
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
926	Taperinha	2 30 S.	54 20 W.	21·5														
	1931																	
	January				1008·6	1010·8	0·0	304·2	305·9	16th	295·9	294·2	5th	300·0	*298·8*	+0·4	167	− 17
	February				1008·0	1010·3	−1·1	304·0	305·5	1st,16th	296·3	295·2	21st	300·2	*299·0*	+1·0	169	−105
	March				1009·8	1012·0	+0·8	303·0	305·4	2nd	296·2	295·3	12th	299·6	*298·6*	+0·5	482	+170
	April				1009·1	1011·5	0·0	303·5	305·6	16th	296·2	295·0	14th	299·8	*298·9*	+0·8	467	+145
	May				1009·6	1011·9	0·0	303·6	306·2	15th	296·1	295·2	30th	299·8	*298·7*	+0·7	312	+ 29
	June				1011·2	1013·5	+1·1	304·0	306·2	22nd,27th	295·5	294·7	21st,25th	299·8	*298·6*	+0·8	87	− 84
	July				1009·8	1012·0	−1·4	304·9	307·8	22nd	294·8	292·7	23rd	299·8	*298·4*	+0·5	66	− 37
	August				1010·8	1013·1	+0·4	305·4	308·1	8th	295·3	294·2	1st	300·4	*299·0*	+0·4	50	+ 5
	September				1009·0	1011·2	−0·4	305·8	307·8	26th	295·7	294·4	10th	300·8	*299·4*	+0·1	126	+ 90
	October				1008·2	1010·4	−0·2	306·4	308·3	3rd	296·1	295·3	19th,20th	301·2	*300·1*	+0·5	17	− 29
	November				1006·3	1008·6	−1·2	305·5	307·8	16th	296·1	295·1	20th	300·8	*299·6*	0·0	111	+ 59
	December				1008·6	1010·8	+0·8	306·3	308·6	15th	295·9	294·6	2nd,4th	301·1	*300·0*	+1·0	2	−108
	Year				1009·1	1011·4	0·0	304·7	308·6	Dec. 15	295·8	292·7	July 23	300·3	*299·1*	+0·6	2056	+119
	1932																	
	January				1007·8	1010·0	−0·8	304·3	308·4	6th	295·8	294·8	24th	300·0	*298·9*	+0·5	134	− 50
	February				1008·8	1011·1	−0·3	302·8	304·6	8th	295·6	294·1	14th	299·2	*298·3*	+0·3	218	− 56
	March				1008·3	1010·6	−0·6	303·1	305·3	17th	295·5	294·0	24th	299·3	*298·4*	+0·3	527	+215
	April				1007·5	1009·8	−1·7	303·7	305·0	20th	296·0	294·8	5th	299·8	*298·8*	+0·7	179	−143
	May				1009·4	1013·0	+1·1	304·0	307·3	25th	295·7	294·8	28th	299·8	*298·8*	+0·8	120	−163
	June				1009·6	1011·9	−0·5	303·6	305·1	15th	295·2	293·9	17th,20th	299·4	*298·1*	+0·3	161	− 10
	July				1010·6	1012·8	−0·6	303·8	306·5	14th	294·7	293·8	24th	299·2	*298·2*	+0·3	76	− 27
	August				1009·1	1011·4	−1·3	305·1	306·6	5th	295·3	293·4	10th	300·2	*299·3*	+0·7	8	− 36
	September				1008·7	1011·0	−0·6	306·2	307·8	27th	295·7	294·8	23rd	301·0	*299·9*	+0·6	2	− 34
	October				1007·5	1009·8	−0·8	307·0	309·3	31st	295·8	294·6	31st	301·4	*300·4*	+0·8	5	− 41
	November				1006·7	1009·0	−0·8	307·1	308·3	2nd,22nd	295·9	293·8	28th	301·5	*300·4*	+0·8	14	− 38
	December				1006·6	1008·8	−1·2	305·8	308·2	30th	296·2	295·1	23rd	301·0	*300·2*	+1·2	105	− 5
	Year				1008·3	1010·7	−0·7	304·7	309·3	Oct. 31	295·6	293·4	Aug. 10	300·1	*299·1*	+0·6	1549	−388
927	Turyassú	1 43 S.	45 26 W.	9·1														
	1931																	
	January				1009·2	1010·4	0·0	305·0	307·1	24th	295·8	293·0	10th	300·4	*300·2*	+1·0	66	−125
	February				1007·9	1009·1	−1·8	303·2	305·3	18th	295·7	293·8	4th	299·4	*299·5*	+0·8	378	+ 60
	March				1010·0	1011·1	+0·4	303·2	306·0	31st	295·1	293·2	14th	299·2	*299·1*	+0·7	641	+215
	April				1009·5	1010·7	+0·1	303·9	305·9	1st	295·3	294·0	30th	299·6	*299·5*	+1·3	332	− 99
	May				1009·9	1011·0	−0·3	304·3	306·6	17th	295·2	293·4	31st	299·7	*299·6*	+1·2	215	−120
	June				1011·8	1012·8	+0·6	304·0	305·8	Sev. dates	294·8	293·0	2nd	299·4	*299·2*	+0·8	228	− 16
	July				1010·8	1011·9	−1·3	303·7	305·6	4th	294·3	292·2	9th	299·0	*298·8*	+0·5	195	+ 36
	August				1012·3	1013·4	+0·5	304·7	306·6	8th	295·0	293·4	14th	299·8	*299·5*	+0·6	47	− 26
	September				1010·6	1011·6	−0·2	305·4	306·8	24th	295·6	293·4	2nd	300·5	*300·1*	+0·6	14	− 2
	October				1010·0	1011·1	+0·1	305·7	307·2	21st	295·6	294·6	22nd	300·6	*300·4*	+0·5	1	− 10
	November				1007·9	1009·1	−1·2	305·9	307·8	7th	295·8	293·8	2nd	300·8	*300·6*	+0·5	7	− 8
	December				1009·4	1010·6	+0·4	305·4	306·4	26th	295·8	293·7	3rd	300·6	*300·5*	+0·5	8	− 51
	Year				1009·8	1011·1	−0·4	304·5	307·8	Nov. 7	295·3	292·2	July 9	299·9	*299·8*	+0·8	2132	−146
	1932																	
	January				1008·8	1010·0	−0·4	304·8	307·4	5th	295·6	293·0	28th	300·2	*300·0*	+0·8	150	− 41
	February				1009·6	1010·7	−0·1	303·6	305·6	5th,7th	295·2	293·7	2nd,17th	299·4	*299·4*	+0·7	138	−180
	March				1009·1	1010·3	−0·5	303·9	306·1	4th	294·9	292·4	28th	299·4	*299·3*	+0·9	217	−209
	April				1008·3	1009·5	−1·1	305·3	306·4	28th	295·7	293·6	7th	300·5	*300·4*	+2·2	67	−364
	May				1010·6	1011·6	+0·4	304·9	306·0	20th	295·5	294·0	25th	300·2	*300·0*	+1·6	88	−247
	June				1010·8	1011·9	−0·4	303·7	305·6	3rd	294·8	292·8	24th	299·2	*299·3*	+0·9	145	− 99
	July				1011·9	1013·0	−0·2	303·3	304·5	20th,3rd	294·3	292·2	3rd	298·8	*298·8*	+0·5	116	− 43
	August				1010·7	1011·8	−1·1	304·3	306·0	30th	295·2	293·8	8th	299·8	*299·6*	+0·7	45	− 28
	September				1010·7	1011·8	−0·1	304·9	306·5	9th	295·4	293·0	18th	300·2	*300·2*	+0·7	26	+ 10
	October				1009·9	1011·0	0·0	305·1	306·3	7th	295·1	292·2	8th	300·1	*300·2*	+0·3	2	− 9
	November				1009·0	1010·2	−0·1	305·5	307·2	21st	295·4	292·8	21st	300·4	*300·4*	+0·3	2	− 13
	December				1008·7	1009·9	−0·3	305·9	307·8	5th	295·8	294·8	15th	300·8	*300·7*	+0·7	1	− 58
	Year				1009·9	1011·0	−0·3	304·6	307·8	Dec. 5	295·2	292·2	July 3 Oct. 8	299·9	*299·9*	+0·9	997	−1281
928	Barra do Corda	5 30 S.	45 16 W.	81·0														
	1931																	
	January				1001·4	1010·7	..	304·9	308·3	29th	295·0	293·9	6,15,29	300·0	*298·9*	+0·8	51	−134
	February				1001·1	1010·4	..	304·2	305·6	20th	295·9	294·4	22nd	300·0	*299·2*	+1·2	179	− 8
	March				1002·2	1011·5	..	304·2	306·5	31st	295·5	294·1	13th	299·8	*298·8*	+0·7	304	+135
	April				1001·8	1011·1	..	304·9	306·5	1st	295·4	294·5	1st,10th	300·2	*299·0*	+0·9	127	+ 15
	May				1002·4	1011·8	..	305·2	306·2	3rd	294·2	291·9	29th	299·7	*298·6*	+0·9	21	− 47
	June				1003·4	1012·7	..	305·3	307·5	22nd	292·3	290·1	18th,24th	299·3	*298·1*	+0·7	1	− 17
	July				1003·4	1012·7	..	307·2	309·2	28th	290·3	286·3	21st	298·8	*297·9*	+0·9	5	− 3
	August				1004·0	1013·5	..	308·5	310·7	30th	290·8	287·9	8th	299·6	*299·0*	+1·1	19	+ 11
	September				1002·3	1011·5	..	308·8	310·6	27th	295·1	292·1	9th	302·0	*301·0*	+1·5	24	− 1
	October				1001·4	1010·6	..	307·8	310·9	15th	295·7	293·7	8th	301·6	*300·7*	+1·0	86	+ 44
	November				1000·0	1009·4	..	306·8	309·6	23rd	295·2	293·4	21st,29th	301·0	*299·7*	+0·1	61	− 21
	December				1000·8	1010·2	..	307·3	309·6	14th,30th	294·9	292·7	4th	301·1	*299·7*	+0·9	49	− 66
	Year				1002·0	1011·4	..	306·3	310·9	Oct. 15	294·2	286·3	July 21	300·2	*299·2*	+0·9	926	− 93
	1932																	
	January				1001·2	1010·6	..	305·6	310·3	5th	295·5	293·6	29th	300·6	*299·2*	+1·1	138	− 47
	February				1001·8	1011·1	..	304·5	307·0	4th	294·9	293·6	2nd	299·7	*298·6*	+0·6	205	+ 18
	March				1001·9	1011·2	..	304·0	306·5	5th	294·7	293·1	27th	299·4	*298·3*	+0·2	53	−116
	April				1000·4	1009·8	..	305·4	309·6	22nd	295·0	293·7	21st,24th	300·2	*299·0*	+0·9	46	− 66
	May				1002·6	1011·9	..	305·5	306·8	23rd,29th	293·0	289·3	28th	299·2	*298·1*	+0·4	36	− 32
	June				1003·2	1012·6	..	306·1	309·8	2nd	293·3	289·9	17th	299·7	*298·7*	+1·3	64	+ 46
	July				1004·0	1013·5	..	306·4	308·8	29th	291·3	287·9	21st,22nd	298·8	*297·8*	+0·8	16	+ 8
	August				1002·2	1011·5	..	308·5	310·4	24th	292·0	288·4	8th	300·2	*299·5*	+1·6	0	− 8
	September				1002·4	1011·6	..	306·8	311·4	17th	295·5	291·4	8th	301·2	*300·8*	+1·3	53	+ 28
	October				1001·8	1011·0	..	307·6	310·0	16th	295·3	290·9	16th	301·4	*300·6*	+0·9	44	+ 2
	November				1001·1	1010·3	..	307·9	310·3	21st	295·6	293·3	3rd	301·8	*301·0*	+1·4	35	− 47
	December				1000·6	1009·9	..	306·9	309·8	5th	295·1	293·1	13th,14th	301·0	*300·4*	+1·6	79	− 36
	Year				1001·9	1011·2	..	306·3	311·4	Sept. 17	294·3	287·9	July 21,22	300·3	*299·3*	+1·0	771	−248
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE*			TEMPERATURE								PRECIPITATION	
					Mean at level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean*	Diff. from Normal	Total	Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
929	Quixeramobim	5 16 S.	39 15 W.	199**														
	1931																	
	January				988·6	1011·1	−0·2	305·3	307·2	29th	298·7	295·3	10th	302·0	*301·4*	+0·3	70	+ 3
	February				988·3	1010·8	−0·7	304·4	306·2	1st	298·8	297·2	11th	301·6	*301·1*	+0·5	80	− 49
	March				989·4	1011·9	+0·2	303·7	306·4	30th	298·2	296·8	15th	301·0	*300·8*	+0·8	114	− 56
	April				989·1	1011·6	−0·4	303·3	306·4	1st	298·5	296·4	16th	300·9	*300·9*	+1·2	123	− 29
	May				989·9	1012·4	−0·5	303·5	305·6	22nd	298·4	296·2	27th	301·0	*300·8*	+1·2	47	− 98
	June				991·8	1014·3	+0·4	303·8	305·4	20th	297·8	295·6	11th	300·8	*301·0*	+1·4	41	− 6
	July				991·0	1013·5	−1·0	304·3	306·0	28th	297·5	295·6	17th	300·9	*301·3*	+1·5	4	− 21
	August				993·4	1016·0	+1·7	304·5	305·8	31st	296·8	298·5	1st, 2nd	300·6	*301·0*	+0·7	12	+ 2
	September				991·6	1014·2	+0·9	305·5	306·8	19th	297·2	298·2	19th	301·4	*301·2*	+0·3	7	+ 5
	October				992·2	1014·7	+2·3	306·1	307·2	13th, 19th	297·3	298·2	18th	301·7	*301·3*	+0·3	4	+ 3
	November				988·3	1010·6	−0·5	306·6	307·4	7th	297·7	298·7	5th, 6th	302·2	*301·8*	+0·3	0	− 5
	December				988·8	1011·1	+0·2	306·6	307·8	30th	297·6	298·6	23rd, 31st	302·1	*301·8*	+0·1	0	− 26
	Year				990·2	1012·7	+0·2	304·8	307·8	Dec. 30	297·9	295·3	Jan 10	301·4	*301·2*	+0·8	501	−278
	1932																	
	January				988·7	1011·2	−0·1	305·6	308·0	6th	298·0	295·6	20th	301·8	*301·2*	+0·1	71	+ 4
	February				989·4	1011·9	+0·4	304·7	307·1	22nd	297·9	295·4	29th	301·3	*301·2*	+0·6	55	− 74
	March				989·4	1011·9	+0·2	304·7	306·4	3rd, 8th	297·5	295·5	20th	301·1	*300·7*	+0·7	39	−131
	April				989·4	1011·9	−0·1	305·9	307·4	22nd	297·9	295·4	28th	301·9	*301·4*	+1·7	102	− 50
	May				991·1	1013·6	+0·7	305·2	306·0	7th, 8th	297·5	295·5	30th	301·4	*300·9*	+1·3	13	−132
	June				991·9	1014·4	+0·5	304·4	305·7	5th, 7th	297·3	295·8	19th	300·8	*300·6*	+1·0	12	− 35
	July				992·2	1014·7	+0·2	304·0	305·5	7th	296·8	295·5	16th, 25th	300·4	*300·2*	+0·4	6	− 19
	August				990·8	1013·4	−0·9	305·2	306·0	15th, 21st	297·1	295·5	23rd, 31st	301·2	*300·6*	+0·3	0	− 10
	September				991·1	1013·6	+0·3	305·1	306·9	20th	297·1	295·5	7th	301·1	*300·7*	−0·2	22	− 20
	October				990·0	1012·6	+0·2	306·5	307·8	30th	297·4	298·6	14th	302·0	*301·1*	−0·1	1	0
	November				989·1	1011·4	+0·3	307·0	307·8	21st	297·7	297·1	2nd	302·4	*301·6*	+0·1	0	− 5
	December				989·0	1011·2	+0·3	306·5	307·8	5th	297·9	296·3	20th	302·2	*301·6*	−0·1	7	− 19
	Year				990·2	1012·7	+0·2	305·4	308·0	Jan 6	297·5	295·4	Jan 29 Apr. 28	301·0	*301·0*	+0·6	329	−450
930	Fernando Noronha	3 50 S.	32 25 W.	106														
	1931																	
	January				1000·0	1011·9	+0·2	302·7	303·7	29th, 31st	297·6	295·4	21st	300·2	*299·2*	+1·0	35	− 22
	February				998·8	1010·7	−1·0	301·8	303·3	21st	297·3	295·2	3rd	299·6	*298·8*	+0·4	340	+239
	March				1000·0	1011·9	+0·3	301·6	302·8	7th, 11th	297·7	295·9	18th	299·6	*299·4*	+0·5	303	+107
	April				999·5	1011·4	0·0	300·8	301·8	6th, 7th	297·6	295·7	16th	299·2	*299·3*	+0·2	319	+ 56
	May				1000·3	1012·2	−0·8	301·0	301·6	4th	298·4	296·1	14th	299·7	*299·6*	+0·9	110	−163
	June				1002·6	1014·6	+1·1	301·0	301·7	8th	297·9	296·2	17th	299·4	*299·2*	+1·1	50	−115
	July				1001·8	1013·8	−0·9	299·8	300·4	1, 4, 5	297·6	294·7	2nd	298·7	*298·2*	+0·8	273	+155
	August				1003·8	1015·9	+1·1	299·6	300·6	29th	296·2	294·3	23rd	297·9	*297·8*	+0·1	63	+ 18
	September				1002·3	1014·4	+0·2	300·3	301·2	28th	296·7	295·3	14th	298·5	*298·0*	+0·2	4	− 9
	October				1001·8	1013·8	+0·7	300·7	301·5	6th, 21st	297·1	296·2	12th	298·9	*298·4*	+0·3	2	− 6
	November				999·8	1011·6	−0·5	301·1	302·5	26th	297·1	295·9	9th, 30th	299·1	*298·6*	+0·4	7	0
	December				1000·7	1012·6	+0·7	301·1	302·2	28th	297·2	295·7	11th	299·2	*298·8*	0·0	3	− 9
	Year				1001·0	1012·8	+0·1	301·0	303·7	Jan. 29, 31	297·4	294·3	Aug. 23	299·2	*298·8*	+0·5	1510	+252
	1932																	
	January				999·9	1011·8	+0·1	301·3	302·3	22nd	297·6	295·9	31st	299·4	*299·0*	+0·2	36	− 21
	February				1000·2	1012·0	+0·4	301·6	302·4	19th, 21st	297·9	295·7	12th, 28th	299·8	*299·4*	+0·6	77	− 24
	March				999·8	1011·6	+0·1	301·7	302·8	15th	297·9	295·6	25th	299·8	*299·5*	+0·7	80	−116
	April				999·6	1011·5	+0·1	301·7	302·3	20th, 23rd	298·1	296·2	18th	299·9	*299·6*	+0·9	29	−234
	May				1001·5	1013·5	+0·4	301·3	302·1	8th	297·5	296·2	3rd	299·4	*299·1*	+0·6	52	−221
	June				1002·2	1014·2	+0·7	300·9	302·2	7th	296·9	294·8	27th	298·9	*298·7*	+0·6	87	− 78
	July				1003·0	1015·1	+0·3	299·7	300·6	3rd, 6th	296·4	294·0	29th	298·0	*297·9*	+0·1	93	− 25
	August				1002·4	1014·6	−0·3	299·7	300·9	30th	296·4	294·4	18th	298·0	*297·8*	+0·2	25	− 20
	September				1002·4	1014·6	+0·3	300·1	300·9	27th	296·4	294·9	15th	298·2	*298·0*	−0·1	13	0
	October				1001·8	1013·6	+0·7	300·4	301·2	24th, 28th	296·6	295·5	30th	298·5	*298·1*	−0·1	2	− 6
	November				1000·6	1012·4	+0·3	301·2	303·7	7th	296·7	294·8	10th	299·0	*299·0*	+0·3	9	+ 2
	December				1000·0	1011·9	0·0	301·7	303·1	27th	296·9	295·0	14th	299·3	*299·2*	+0·1	7	− 5
	Year				1001·1	1013·0	+0·2	300·9	303·7	Nov. 7	297·1	294·0	July 29	299·0	*298·8*	+0·3	510	−748
1025	‡Corumbá	18 59 S.	57 39 W.	116														
	1931																	
	January				997·6	1008·0	+0·4	306·5	309·6	17th	295·9	294·6	9th	301·2	*300·2*	+0·5	181	− 32
	February				993·2	1006·3	−1·7	306·3	310·8	7th	295·5	293·4	13th	300·9	*299·8*	−0·1	159	+ 28
	March				996·7	1009·8	+0·7	304·4	308·4	16th, 30th	294·7	291·2	10th	299·6	*298·9*	−0·4	111	− 20
	April				997·8	1010·8	−0·1	303·1	308·2	8th	293·1	287·2	4th	298·1	*297·6*	−0·6	196	+ 95
	May				1001·5	1014·8	+0·9	297·6	305·0	1st, 10th	287·8	281·6	6th	292·7	*292·1*	−2·8	189	+116
	June				1003·4	1016·7	+2·7	296·1	304·0	6th	286·9	278·2	30th	291·5	*291·4*	−2·9	22	− 16
	July				1001·1	1014·4	−0·8	299·2	305·2	24th	288·6	282·7	31st	293·9	*293·3*	−0·6	0	− 14
	August				1000·6	1013·6	+0·1	302·6	309·0	29th	290·1	280·2	31st	296·4	*296·1*	−0·2	49	+ 24
	September				999·4	1012·7	+1·8	301·1	309·8	10th	290·5	282·2	1st	295·8	*295·6*	−2·7	30	− 39
	October				996·3	1009·4	−0·1	305·8	310·4	31st	293·7	286·6	16th	299·8	*299·0*	−0·3	130	+ 28
	November				994·3	1007·4	+0·3	305·2	309·7	7th	293·8	286·4	10th	299·5	*298·8*	−1·1	82	− 44
	December				994·6	1007·6	+0·8	306·4	310·0	10th	295·1	293·2	5th	300·8	*299·9*	−0·2	290	+122
	Year				998·0	1011·0	+0·4	302·9	310·8	Feb. 7	292·1	278·2	June 30	297·5	*296·9*	−0·9	1440	+249
	1932																	
	January				994·8	1007·9	+0·3	305·7	309·5	11th	295·5	291·9	9th	300·6	*299·3*	−0·4	157	− 56
	February				995·0	1008·0	0·0	305·6	310·4	6th	295·3	293·8	10th, 23rd	300·4	*299·7*	−0·2	261	+130
	March				995·9	1009·0	−0·1	304·5	309·2	3rd	294·8	293·2	25th	299·6	*298·6*	−0·7	199	+ 68
	April				996·0	1009·1	−1·8	304·0	307·8	9th	294·3	290·2	16th	299·2	*298·3*	+0·1	49	− 52
	May				1000·7	1014·0	+0·1	299·9	305·8	21st	290·0	282·2	26th	295·0	*294·3*	−0·6	81	+ 8
	June				999·0	1012·3	−1·7	299·9	304·3	23rd	290·6	283·2	10th	295·2	*294·7*	+0·4	27	− 11
	July				1000·3	1013·4	−1·8	302·3	305·0	26th	290·1	282·7	31st	296·2	*295·6*	+1·7	17	+ 3
	August				999·8	1013·1	−0·4	300·7	307·2	12th	289·8	280·4	30th	295·2	*295·2*	+0·9	29	− 23
	September				996·8	1009·9	−1·0	304·7	311·6	20th	293·3	285·8	25th	299·0	*298·8*	+0·5	22	− 40
	October				996·0	1009·1	−0·4	305·0	310·5	28th	293·5	287·6	5th	299·2	*298·8*	−0·5	131	+ 29
	November				993·8	1006·8	−0·9	306·1	309·6	14th	294·7	291·3	10th	300·4	*299·5*	−0·4	200	+ 74
	December				993·6	1006·7	−0·1	305·0	309·2	11th	294·3	289·6	8th	299·6	*298·8*	−1·3	175	+ 7
	Year				996·8	1009·9	−0·7	303·6	311·6	Sept. 20	293·0	280·4	Aug. 30	298·3	*297·6*	−0·2	1328	+137
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

**Change of height from 207 m. to 199 m. from January 1, 1931.

†Estimates not based on at least six equally spaced observations each day are in italics.

‡Change of normals, see Table of Authorities, pages 105-15.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE*			TEMPERATURE								PRECIPITATION	
					Mean at level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean*	Diff. from Normal	Total	Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1026	Cuyabá	15 36 S.	56 06 W.	165														
	1931																	
	January				990·4	1009·1	+0·7	306·5	310·9	17th	295·9	293·6	5th	301·2	*300·0*	+1·0	185	− 56
	February				989·0	1007·6	−1·4	305·7	308·4	23rd	296·1	293·5	10th	300·9	*299·4*	+0·8	216	+ 5
	March				991·4	1010·0	+0·8	304·0	307·9	18th	295·2	292·8	11th	299·6	*298·6*	−0·5	227	+ 16
	April				992·0	1010·7	+0·5	305·2	308·5	26th	294·3	292·7	5th	299·8	*298·6*	0·0	112	+ 10
	May				994·8	1014·0	+1·5	301·7	308·5	10th	290·3	284·0	6th	296·0	*295·2*	−2·3	52	+ 3
	June				996·7	1015·9	+2·1	301·2	307·6	6th	288·8	280·0	29th	295·0	*293·9*	−2·1	16	+ 9
	July				995·2	1014·4	+0·2	303·8	308·5	26th	287·4	279·8	31st	295·6	*294·7*	−1·8	0	− 6
	August				995·0	1013·8	+1·2	307·3	311·1	29th	289·4	282·3	9th	298·4	*297·2*	−0·3	17	− 12
	September				993·0	1011·6	+1·4	305·9	311·6	29th	292·4	284·9	1st	299·2	*298·8*	−1·6	7	− 44
	October				991·4	1010·0	+0·6	305·8	310·0	5th	294·8	292·3	16th	300·3	*299·3*	−0·3	221	+107
	November				989·5	1008·2	−0·4	304·8	307·8	13th	294·8	288·4	10th	299·8	*298·9*	−1·0	156	+ 5
	December				990·7	1009·4	+1·0	304·7	309·1	28th	294·8	293·0	1st	299·8	*298·6*	−0·6	186	− 19
	Year				992·4	1011·1	+0·7	304·7	311·6	Sept. 29	292·8	279·8	July 31	298·8	*297·8*	−0·7	1394	+ 17
	1932																	
	January				990·3	1009·0	+0·6	304·4	309·3	2nd	294·8	292·3	9th	299·6	*298·6*	−0·6	236	− 5
	February				990·7	1009·4	+0·3	305·4	308·4	3rd, 18th	295·0	293·2	20th	300·2	*298·8*	+0·1	135	− 76
	March				991·0	1009·6	+0·4	304·5	307·8	3rd	294·7	293·4	29th	299·6	*298·2*	−0·5	329	+118
	April				990·8	1009·5	−0·7	306·1	308·1	17th	294·9	293·0	26th	300·5	*299·2*	+0·7	23	− 79
	May				994·7	1013·5	+1·4	302·4	307·0	4th	291·4	284·5	26th	296·9	*296·2*	−1·4	22	− 27
	June				994·0	1012·3	−0·6	304·3	308·0	14th	291·0	284·1	9th	297·6	*296·4*	+0·5	34	+ 27
	July				995·0	1013·8	0·0	305·7	309·4	31st	289·8	286·3	5th	297·8	*296·5*	+0·4	5	− 1
	August				993·8	1012·4	0·0	305·4	310·5	23rd	290·0	282·7	31st	297·7	*296·5*	−1·0	59	+ 30
	September				991·8	1010·4	+0·2	307·4	312·2	19th	293·5	287·6	1st	300·4	*299·4*	−0·4	6	− 45
	October				991·2	1009·9	+0·4	305·8	310·0	2nd	294·5	289·2	4th	300·2	*299·0*	−0·4	116	+ 2
	November				989·6	1008·3	−0·3	305·7	309·9	1st	295·1	293·0	28th	300·4	*299·5*	−0·4	110	− 41
	December				989·5	1008·2	−0·2	304·4	307·8	29th	295·1	292·6	8th	299·8	*298·9*	−0·6	351	+146
	Year				991·9	1010·4	+0·2	305·1	312·2	Sept. 19	293·3	282·7	Aug. 31	299·2	*298·1*	−0·3	1427	+ 50
1027	Bello Horizonte	19 56 S.	43 57 W.	895														
	1931																	
	January				912·2	1009·9	−1·0	302·1	305·8	8th	292·0	289·8	23rd, 24th	297·0	*296·7*	+1·9	167	−181
	February				912·7	1011·0	−1·2	299·2	305·8	21st	291·3	288·2	9th	295·2	*294·5*	−0·7	208	− 17
	March				913·9	1012·0	−0·1	300·3	305·0	18th	291·4	289·6	20th	295·8	*295·0*	+0·2	163	− 23
	April				914·3	1012·8	−0·6	300·7	303·4	29th	290·4	288·4	28th	295·6	*294·6*	+1·1	166	+106
	May				915·9	1015·1	−0·7	299·4	303·2	1st, 21st	287·9	283·8	31st	293·6	*292·6*	+0·9	27	+ 13
	June				917·4	1017·5	−0·6	298·4	300·8	5th	285·3	282·2	14th	291·8	*290·9*	+0·8	0	− 9
	July				918·3	1018·4	−0·1	297·9	303·0	28th	285·7	282·6	21st	291·8	*290·9*	+1·2	0	− 10
	August				919·5	1019·6	+1·3	297·9	303·0	14th	285·5	279·2	7th	291·7	*290·8*	−0·2	0	− 16
	September				915·6	1014·4	−0·3	299·9	306·2	14th	288·3	282·0	23rd	294·1	*293·3*	+0·2	51	+ 16
	October				915·0	1013·5	+0·9	300·3	305·8	18th	290·0	286·2	21st	295·2	*294·6*	+0·4	134	+ 5
	November				913·4	1011·4	+0·4	300·6	304·8	25th, 26th	290·8	286·6	4th	295·7	*295·1*	+0·8	109	−120
	December				913·9	1012·0	+1·2	301·4	304·8	27th	291·2	287·8	16th	296·3	*295·5*	+1·3	331	+ 34
	Year				915·2	1014·0	0·0	299·8	306·2	Sept. 14	289·2	279·2	Aug. 7	294·5	*293·7*	+0·7	1359	−199
	1932																	
	January				914·4	1013·0	+1·2	299·0	305·4	20th	290·9	286·6	7th	295·0	*294·1*	−0·7	360	+ 12
	February				914·0	1012·0	+0·1	301·6	307·0	4th	292·0	290·2	13th	296·8	*296·0*	+0·8	205	− 20
	March				915·4	1013·6	+1·4	301·2	303·6	3rd	291·2	289·8	21st	296·2	*295·2*	+0·4	41	−145
	April				914·8	1013·1	−0·1	302·4	305·0	11th	290·2	287·4	11th	296·3	*295·6*	+2·1	15	− 45
	May				917·5	1017·0	+0·9	299·2	303·6	6th	288·1	285·6	23rd	293·6	*292·9*	+1·2	38	+ 24
	June				917·1	1017·0	−0·9	298·8	300·6	Sev. dates	286·9	284·2	25th	292·8	*291·8*	+1·7	41	+ 32
	July				919·5	1019·4	+1·1	297·5	300·4	31st	286·8	283·9	17th	292·2	*291·2*	+1·5	2	− 8
	August				915·9	1015·1	−2·3	299·6	304·0	25th	286·7	280·6	31st	293·2	*292·8*	+1·8	13	− 3
	September				915·4	1013·9	−0·5	302·1	305·2	12th	289·8	284·6	1st	296·0	*294·8*	+1·7	7	− 28
	October				913·8	1012·0	−0·3	300·4	305·0	28th, 29th	290·9	288·0	31st	295·6	*294·8*	+0·6	161	+ 32
	November				912·0	1010·3	−1·0	300·6	305·6	22nd	291·1	288·0	2nd	295·8	*294·2*	−0·1	219	− 10
	December				912·2	1010·2	−0·5	300·1	303·6	15th, 29th	291·2	287·2	23rd	295·6	*295·1*	+0·9	395	+ 98
	Year				915·1	1013·9	−0·1	300·2	307·0	Feb. 4	289·6	280·6	Aug. 31	294·9	*294·0*	+1·0	1496	− 62
1028	Caetité	14 03 S.	42 37 W.	897														
	1931																	
	January				913·9	1011·5	−0·4	303·5	309·9	17th	289·1	286·5	10th, 14th	296·3	*296·9*	+0·7	78	− 59
	February				914·3	1012·3	−0·2	301·2	305·1	26th	291·4	289·4	2nd	296·3	*295·8*	+0·1	125	+ 25
	March				915·2	1013·2	+0·7	301·9	305·7	22nd	290·3	287·2	20th	296·1	*296·3*	+0·3	46	− 56
	April				915·5	1013·8	+0·4	301·1	303·5	12, 19, 30	289·0	286·1	27th	295·0	*295·3*	−0·1	55	− 6
	May				917·0	1015·9	+0·5	299·7	305·1	3rd	288·3	285·6	31st	294·0	*294·1*	−0·2	26	+ 12
	June				918·4	1017·8	+0·5	299·1	301·4	13th	286·2	284·7	1st	292·6	*292·9*	−0·1	0	− 12
	July				919·1	1018·8	+0·4	297·3	301·0	29th	285·4	283·3	14th	291·3	*291·7*	−0·7	2	− 8
	August				919·9	1019·2	+1·8	297·0	301·1	30th	285·2	282·8	5th	291·1	*291·9*	−1·4	41	+ 29
	September				917·0	1015·6	+0·7	300·7	305·5	20th	287·5	285·1	24th	294·1	*294·5*	−0·5	4	− 15
	October				915·6	1013·6	+0·6	301·7	305·9	11th	288·2	285·6	8th, 10th	295·0	*295·6*	−0·3	113	+ 22
	November				914·6	1012·8	+0·7	300·7	306·0	25th	289·7	285·2	1st	295·2	*295·4*	−0·3	44	− 91
	December				915·0	1012·6	+1·0	302·4	307·8	7th	291·2	289·3	11th	296·8	*296·6*	+0·9	115	− 49
	Year				916·3	1014·8	+0·6	300·5	309·9	Jan. 17	289·4	282·8	Aug. 5	294·7	*294·8*	−0·1	649	−208
	1932																	
	January				915·5	1013·8	+1·2	298·7	300·8	31st	290·1	287·9	8th	295·4	*294·7*	−1·5	135	− 2
	February				915·1	1013·1	+0·6	302·8	307·3	5th	291·1	285·8	2nd	297·0	*296·3*	+0·6	0	−100
	March				915·2	1013·2	+0·7	301·4	306·7	2nd, 3rd	290·4	285·6	20th	295·9	*295·9*	−0·1	57	− 45
	April				915·0	1012·6	−0·1	302·7	305·9	15th	289·5	284·4	27th	296·1	*296·7*	+1·3	2	− 59
	May				917·0	1015·6	+0·5	300·1	305·7	11th	289·3	286·9	26th	294·7	*295·0*	+0·7	20	+ 6
	June				917·1	1015·8	−0·8	299·7	302·8	8th	288·3	286·9	17th, 20th	294·0	*294·5*	+1·5	5	− 7
	July				919·1	1018·4	+0·4	297·5	301·1	30th	285·9	284·4	14th	291·7	*292·5*	+0·1	15	+ 5
	August				917·8	1017·1	−0·3	299·9	305·3	31st	286·1	281·9	5th	293·0	*293·2*	−0·1	0	− 12
	September				917·2	1015·9	+0·9	301·2	304·1	24th	287·4	282·8	14th	294·3	*294·8*	−0·2	12	− 7
	October				915·8	1013·8	+0·8	303·4	309·1	30th	289·2	283·8	1st	296·3	*296·4*	+0·5	57	− 34
	November				915·2	1013·5	+1·3	300·2	306·1	7th	290·2	283·0	25th	295·2	*294·7*	−1·0	167	+ 32
	December				915·0	1012·6	+1·0	303·0	306·9	30th	290·2	284·8	22nd	296·6	*296·5*	+0·8	17	−147
	Year				916·3	1014·6	+0·6	300·9	309·1	Oct. 30	289·0	281·9	Aug. 5	294·9	*295·1*	+0·2	489	−368
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1029	ǵOndina (Bahia)	13 00S.	38 31 W.	46·6														
	1931																	
	January				1006·4	1011·8	0·0	303·3	304·5	17th,18th	296·3	295·4	27th	299·8	*299·2*	0·0	9	− 66
	February				1006·3	1011·6	−0·1	303·6	305·2	11th	297·2	296·4	22nd	300·4	*299·9*	+0·5	23	− 91
	March				1007·1	1012·4	+0·7	303·7	304·5	18th,22nd	297·4	296·2	6th	300·6	*300·2*	+0·7	27	−124
	April				1007·4	1012·7	0·0	302·4	304·2	4th,6th	296·7	294·8	15th	299·6	*299·3*	+0·4	127	−162
	May				1008·7	1014·0	−0·8	300·2	303·4	5th,6th	295·7	293·2	28th,29th	298·0	*298·1*	+0·2	395	+111
	June				1011·6	1017·1	+0·9	299·7	301·2	4th	295·2	293·2	23rd	297·4	*297·4*	+0·4	119	−136
	July				1012·0	1017·5	−0·4	299·0	300·3	4th	294·3	292·5	26th	296·6	*296·6*	+0·5	122	− 68
	August				1013·9	1019·4	+1·6	298·4	299·7	1st	293·5	295·3	1st	296·0	*296·0*	−0·2	87	− 31
	September				1010·7	1016·2	+0·1	299·4	301·1	19th	294·2	292·6	25th	296·8	*296·7*	−0·4	48	− 32
	October				1010·0	1014·0	+0·3	300·8	302·7	18th	295·1	293·2	30th	298·0	*297·6*	−0·1	127	+ 8
	November				1006·4	1011·8	−0·4	301·0	302·8	3rd	295·4	293·7	13th	298·2	*298·0*	−0·2	116	− 25
	December				1006·8	1012·2	+0·5	302·4	303·3	6th	295·8	294·8	29th	299·1	*298·8*	+0·3	38	− 81
	Year				1009·0	1014·2	+0·2	301·2	305·2	Feb. 11	295·6	292·5	July 26	298·4	*298·2*	+0·2	1240	−695
	1932																	
	January				1006·8	1012·2	+0·4	302·2	304·4	4th	296·3	295·0	31st	299·2	*299·0*	−0·2	138	+ 63
	February				1006·7	1012·0	+0·3	303·4	305·0	23rd	296·3	294·8	28th	299·8	*299·4*	0·0	14	−100
	March				1007·0	1012·3	+0·6	302·1	304·0	13th	295·9	293·4	21st	299·0	*298·8*	−0·7	208	+ 57
	April				1007·2	1012·6	−0·1	302·2	303·0	1st,7th	296·2	295·0	8th	299·2	*298·9*	0·0	33	−256
	May				1009·5	1014·8	0·0	301·3	302·7	6th	295·6	294·0	17th	298·4	*298·2*	+0·3	174	−110
	June				1009·9	1015·2	−1·0	300·2	301·2	5th,9th	294·9	293·1	19th	297·6	*297·4*	+0·4	90	−165
	July				1012·3	1017·6	−0·3	298·8	300·2	22nd	293·6	292·5	15th	296·2	*296·2*	+0·1	386	+196
	August				1010·8	1016·2	−1·6	299·0	300·4	30th	293·6	291·8	14th	296·3	*296·0*	−0·2	94	− 24
	September				1010·6	1015·9	−0·2	300·3	301·6	22nd,27th	294·3	292·9	5th	297·3	*297·0*	−0·1	33	− 47
	October				1008·4	1013·8	+0·1	300·9	303·7	6th	294·9	293·2	8th	297·9	*297·6*	−0·1	105	− 14
	November				1007·0	1012·3	+0·1	301·3	303·8	7th	295·4	294·0	2nd	298·4	*298·2*	0·0	103	− 38
	December				1006·4	1012·3	+0·6	302·3	304·1	31st	295·3	294·2	31st	298·8	*298·6*	+0·1	27	− 92
	Year				1008·6	1013·9	−0·1	301·2	304·4	Jan. 4	295·2	291·8	Aug. 14	298·2	*297·9*	−0·1	1404	−531
1030	ǵAracajú	10 55S.	37 03 W.	6·1														
	1931																	
	January				1012·0	1012·8	−0·4	302·7	303·4	17,18,31	296·2	292·8	26th,27th	299·4	*299·4*	+0·1	4	− 22
	February				1011·4	1012·2	−0·8	303·2	304·1	13th	297·6	294·3	12th,27th	300·4	*300·1*	+0·5	16	− 49
	March				1012·4	1013·2	+0·4	303·2	303·8	12,21,29	297·3	295·3	26th	300·2	*300·2*	+0·5	36	− 46
	April				1012·6	1013·4	−0·1	302·9	303·7	4th	296·3	294·5	12th	299·6	*299·7*	+0·5	56	−101
	May				1013·8	1014·6	−0·6	301·8	302·7	3rd,6th	295·6	293·3	4th	298·7	*298·8*	+0·5	131	− 98
	June				1016·6	1017·2	+0·8	300·6	301·8	3rd,4th	295·3	292·1	30th	298·0	*298·0*	+0·7	148	− 39
	July				1016·8	1017·5	−0·3	299·8	300·8	8th,9th	294·5	290·7	6th,7th	297·2	*297·1*	+0·4	105	− 31
	August				1018·7	1019·4	+1·2	299·3	300·0	2nd,5th	294·1	291·5	31st	296·7	*296·6*	+0·1	77	− 7
	September				1015·5	1016·2	−0·4	300·1	301·4	21st	294·6	292·2	20th	297·4	*297·2*	−0·1	92	+ 35
	October				1014·0	1014·8	−0·2	301·1	303·2	15th	295·6	293·4	17th	298·4	*298·2*	0·0	26	− 10
	November				1011·9	1012·7	−0·5	301·5	302·7	15th	295·4	292·7	15th	298·4	*298·5*	−0·2	98	+ 67
	December				1012·6	1013·4	+0·5	302·1	303·3	30th	296·4	293·8	29th	299·2	*299·2*	+0·2	27	− 11
	Year				1014·0	1014·8	−0·1	301·5	304·1	Feb. 13	295·7	290·7	July 6,7	298·6	*298·6*	+0·3	817	−311
	1932																	
	January				1012·2	1013·0	−0·2	302·4	304·5	5th	296·5	294·7	9th	299·4	*299·1*	−0·2	46	+ 20
	February				1012·2	1013·0	0·0	302·8	305·0	6th	296·3	293·7	12th	299·6	*299·4*	−0·2	41	− 24
	March				1012·2	1013·0	−0·2	302·9	306·0	22nd	296·3	294·3	12th,21st	299·6	*299·3*	−0·4	66	− 16
	April				1012·4	1013·2	−0·3	302·6	306·1	22nd	296·0	294·0	13th	299·3	*299·0*	−0·2	50	−107
	May				1014·6	1015·4	+0·2	301·3	303·3	7th	298·3	287·4	23rd	299·8	*298·6*	+0·3	78	−151
	June				1015·0	1015·6	−0·8	300·1	302·4	9th	297·0	292·6	15th	298·6	*297·5*	+0·2	347	+160
	July				1017·0	1017·6	−0·2	299·5	301·3	29th	296·4	290·8	30th	298·0	*297·0*	+0·3	151	+ 15
	August				1015·9	1016·6	−1·6	299·6	300·9	24th	295·6	288·5	15th	297·6	*296·3*	−0·2	101	+ 17
	September				1015·6	1016·3	−0·3	299·9	300·7	21st	294·5	291·2	5th	297·2	*297·2*	−0·1	56	− 1
	October				1013·8	1014·6	−0·4	300·7	302·0	31st	295·5	292·2	17th	298·1	*298·2*	0·0	51	+ 15
	November				1012·0	1012·8	−0·4	301·7	303·3	15th	296·0	293·3	5th	298·8	*298·8*	+0·1	3	− 28
	December				1011·4	1012·2	−0·7	301·9	303·6	31st	296·1	292·7	7th	299·0	*299·0*	0·0	9	− 29
	Year				1013·6	1014·4	−0·5	301·3	306·1	Apr. 22	296·2	287·4	May 23	298·8	*298·3*	0·0	999	−129
1127	Curitiba	25 25 S.	49 17 W.	908														
	1931																	
	January				912·0	1011·8	+0·4	300·4	305·1	6th	290·6	287·3	11th	295·5	*294·2*	+0·9	202	+ 31
	February				912·7	1013·2	+0·3	298·1	303·7	10th	289·1	284·7	14th	293·6	*292·4*	−0·7	245	+ 97
	March				914·6	1015·4	+1·2	298·1	303·3	7th	288·3	284·3	15th	293·2	*292·2*	+0·1	65	− 49
	April				914·7	1016·2	−0·1	295·9	300·7	9th	286·1	280·5	4th	291·0	*289·8*	+0·1	133	+ 55
	May				916·0	1019·1	+0·5	291·7	298·9	24th	282·4	273·9	6th	287·0	*286·4*	−0·4	108	+ 4
	June				916·6	1020·3	−0·1	291·8	297·1	6th	280·1	275·3	29th	286·0	*284·6*	−0·6	162	+ 61
	July				917·6	1021·1	+0·1	292·6	297·9	24th	281·2	274·7	31st	286·9	*285·8*	+0·6	110	+ 45
	August				919·1	1022·6	+2·8	293·0	300·8	15th	280·3	274·2	9th	286·6	*285·7*	−0·5	59	− 24
	September				916·3	1019·4	+1·2	291·1	298·9	9th	282·8	276·1	22nd	287·0	*286·2*	−1·3	144	+ 22
	October				914·4	1016·3	+0·7	294·9	301·2	18th	284·6	278·4	16th	289·8	*288·6*	−0·3	121	− 22
	November				912·0	1013·2	0·0	295·3	302·1	14th	285·4	280·3	3rd	290·4	*289·8*	−1·1	126	0
	December				911·8	1011·9	−0·1	300·0	303·8	18th	288·5	281·0	16th	294·2	*293·0*	+0·6	157	+ 15
	Year				914·8	1016·7	+0·6	295·2	305·1	Jan. 6	285·0	273·9	May 6	290·1	*289·1*	−0·2	1633	+236
	1932																	
	January				912·6	1013·1	+1·0	298·3	302·5	14th	289·1	285·0	20th	293·7	*292·4*	−0·9	157	− 14
	February				911·9	1011·6	−0·5	299·5	305·0	4th	290·8	287·4	22nd	295·2	*293·8*	+0·7	205	+ 57
	March				913·8	1013·9	+0·4	299·1	302·7	6th	289·0	284·3	30th	294·0	*292·8*	+0·7	127	+ 13
	April				913·1	1014·0	−1·7	296·8	301·2	10th	287·8	283·1	23rd	292·3	*291·2*	+1·5	161	+ 83
	May				916·7	1019·4	+1·2	292·8	298·0	21st	283·3	273·8	26th	288·0	*287·2*	+0·4	47	− 57
	June				915·1	1018·4	−1·6	290·9	296·1	14th	282·9	271·0	9th	286·9	*285·2*	0·0	113	+ 12
	July				918·0	1021·1	+0·5	294·1	298·1	23rd	280·5	273·4	7th	287·3	*286·8*	+1·6	19	− 46
	August				916·2	1019·5	−0·1	292·6	298·2	13th	280·5	274·8	8th	286·6	*285·2*	−1·1	112	+ 29
	September				914·8	1017·1	−0·3	294·8	301·7	6th	283·6	278·1	4th	289·2	*288·2*	+0·7	91	− 31
	October				913·8	1015·0	+0·1	296·3	304·4	28th	286·8	279·8	21st	291·6	*290·5*	+1·6	102	− 41
	November				912·0	1012·6	0·0	298·0	304·4	17th	287·6	283·2	12th	292·8	*291·6*	+0·7	209	+ 83
	December				911·1	1011·0	−0·8	298·7	303·2	19th	288·6	283·8	9th	293·6	*292·6*	+0·2	173	+ 31
	Year				914·0	1015·5	−0·2	296·0	305·0	Feb. 4	285·9	271·0	June 9	291·0	*289·8*	+0·5	1516	+119
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

ǵChange of normals, see Table of Authorities, pages 105-15.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1128	Rio de Janeiro	22 54S.	43 10 W.	18·3														
	1931																	
	January				1008·6	1010·7	−0·3	300·0	307·2	27th	295·9	292·0	31st	298·0	298·2	−0·2	127	+ 1
	February				1010·2	1012·3	+0·6	299·3	306·2	20th	294·8	292·2	13th	297·0	297·2	−1·4	149	+ 35
	March				1011·5	1013·6	+0·8	301·4	306·2	9th	295·0	292·9	15th	298·2	297·9	−0·1	122	− 13
	April				1012·6	1014·7	−0·1	299·4	306·0	1st	293·8	292·0	14th	296·6	296·8	+0·3	170	+ 64
	May				1015·2	1017·3	+0·5	298·1	305·0	1st	292·0	289·2	31st	295·0	295·0	+0·2	39	− 42
	June				1016·7	1018·9	−0·1	297·6	304·0	27th	290·9	287·0	29th	294·2	293·9	+0·4	19	− 38
	July				1018·2	1020·4	+0·4	297·3	302·2	2nd	290·6	286·6	31st	294·0	293·6	+0·6	52	+ 9
	August				1020·0	1022·2	+3·4	296·9	302·8	29th	289·3	286·0	1st	293·1	293·0	−0·5	29	− 16
	September				1015·8	1018·0	+1·0	296·1	305·2	13th	290·8	286·6	23rd	293·4	293·3	−0·6	46	− 20
	October				1013·1	1015·2	+0·7	296·8	304·9	25th	292·2	289·8	8th	294·5	294·6	+0·1	96	+ 13
	November				1010·6	1012·7	+0·2	297·3	307·4	15th	292·6	289·3	11th	295·0	294·9	−1·0	130	+ 27
	December				1009·5	1011·6	+0·1	301·3	307·5	28th	295·0	291·4	8th	298·2	298·0	+0·4	130	− 9
	Year				1013·5	1015·6	+0·6	298·5	307·5	Dec. 28	292·7	286·0	Aug. 1	295·6	295·5	−0·2	1111	+ 13
	1932																	
	January				1010·8	1012·9	+1·9	299·0	306·7	14th	294·9	291·8	7th	297·0	297·3	−1·1	81	− 45
	February				1009·0	1011·1	−0·6	301·6	307·8	17th	296·3	294·2	21st	299·0	298·9	+0·3	53	− 61
	March				1011·4	1013·5	+0·7	302·0	306·6	5th	295·7	294·5	13th	298·8	298·8	+0·3	67	− 68
	April				1011·1	1013·2	−1·6	300·3	307·5	14th	294·5	292·9	17th	297·4	297·5	+1·0	20	− 86
	May				1015·6	1017·7	+0·9	297·9	304·4	7th	292·1	289·6	26th	295·0	294·9	+0·1	99	+ 18
	June				1015·4	1017·6	−1·4	297·2	301·2	14th	290·9	288·1	9th	294·0	293·9	+0·4	23	− 34
	July				1018·2	1020·4	+0·4	299·0	302·9	31st	290·8	289·2	11th	294·9	294·5	+1·5	11	− 32
	August				1016·0	1018·2	−0·6	296·7	302·0	13th	289·9	286·8	22nd	293·3	293·2	−0·3	112	+ 67
	September				1013·6	1015·7	−1·3	297·9	303·7	7th	292·6	288·6	1st	295·2	295·1	+1·2	36	− 30
	October				1012·2	1014·3	−0·2	298·6	306·6	3rd	293·4	289·1	6th	296·0	296·1	+1·6	67	− 16
	November				1010·3	1012·4	−0·1	298·5	308·5	21st	293·9	290·8	10th	296·2	296·0	+0·1	133	+ 30
	December				1008·8	1010·9	−0·6	302·2	306·0	5th	295·7	292·0	8th	298·8	298·9	+1·3	93	− 46
	Year				1012·7	1014·8	−0·2	299·2	308·4	Nov. 21	293·4	286·8	Aug. 22	296·3	296·2	+0·5	794	−304
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE
FOR THE MONTH OF JANUARY 1933
BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 90° N. AND 80° N. — JANUARY - ZONE 0

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	†TEMPERATURE Mean Max. A	†TEMPERATURE Absolute Max.	Date	†TEMPERATURE Mean Min. B	†TEMPERATURE Absolute Min.	Date	†TEMPERATURE Mean of A and B	†TEMPERATURE †24 hr. Mean*	†TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
047	Calm Bay	80 20	52 48	5·9	1009·0	1009·8	..	..	273·8	..	..	238·7	..	..	264·2	..	7	..

BETWEEN LATITUDE 80° N. AND 70° N. — JANUARY - ZONE 1

		N.	W.															
101	Wrangel Insel	70 58	178 33	3·0	1014·3	1014·7	− 4·2	249·0	255·6	..	242·4	231·3	..	245·7	*245·8*	−3·2	1	− 9
105	Barrow	71 23	156 17	4·6	..	1013·5	− 5·9	245·3	260·8	18th	239·4	230·8	31st	242·3	..	−3·6	0	− 3
121	Pond Inlet	72 43	78 30	4·0	..	1002·9	..	241·6	251·3	20th	236·7	226·9	30th,31st	239·1	*239·5*	0·0	..	..
125	Upernivik	72 47	56 7	19·2	995·2	997·8	− 8·0	254·2	259·4	1st	250·3	244·5	30th,31st	252·3	*251·6*	+0·7	..	..
131	Myggbukta	73 29	21 34	3·2	..	990·8	..	..	270·8	20th	254·7	233·5	1st	..	*260·3*	..	48	..
132	Scoresbysund	70 29	21 58	16·9	985·5	987·7	−16·0	266·0	275·0	9th	257·7	250·2	11th,14th	261·9	*262·4*	+3·8	46	..
135	Jan Mayen	70 59	W. 8 18	23·1	987·3	990·2	−10·7	..	276·0	3rd	269·8	261·6	30th	..	*272·2*	+2·3	70	+ 29
139	Svalbard Radio	78 13	E. 15 38	53·0	993·1	999·8	− 5·4	..	278·1	14th	266·6	254·8	31st	..	*269·3*	..	61	..
140	Bjornoen	74 28	19 17	29·2	999·6	1003·3	+ 2·2	..	278·2	15th	271·5	263·7	30th	..	*273·4*	+5·7	98	+ 56
141	Ingoy	71 4	24 9	4·3	1010·5	1011·0	+ 8·0	..	280·4	4th	271·7	260·9	20th	..	*273·8*	+2·1	84	+ 28
142	Sletnes	71 5	28 14	10·2	1011·5	1012·8	+11·2	..	278·0	25th	267·9	254·9	20th	..	*271·0*	..	45	..
143	Vardo	70 22	31 6	12·1	1014·2	1015·7	+11·2	..	276·7	5th	268·6	256·0	21st	..	*270·4*	+3·0	27	− 41
147	Malye Karmakouly	72 23	52 44	15·3	1021·9	1023·9	+16·0	..	273·8	..	..	248·5	..	..	*263·7*	+6·4	2	− 16
148	Vaigatch	70 24	58 48	11·2	1028·0	1029·5	+20·2	261·3	271·6	..	253·4	242·6	..	257·3	*257·3*	+0·7	3	− 5
149	Russian Harbour	76 14	62 39	9·3	1018·4	1019·6	..	..	274·1	..	..	241·9	..	..	*263·0*	..	..	..
150	Cape of Desire (Zhelanya)	76 57	68 34	8·0	1018·7	1019·7	..	..	272·6	..	..	237·9	..	..	*260·3*	..	4	..
153	Dikson	73 30	80 23	13·0	1027·9	1029·7	+16·3	253·3	268·9	..	245·6	229·1	..	249·5	*249·9*	+2·2	4	0
162	Bulun	70 45	127 47	35	1018·6	1023·6	− 0·3	..	265·4	..	..	222·5	..	..	*243·7*	+9·8	..	..
165	Great Liakhov Is. (Cape Shalaurov)	73 11	143 14	7	1016·2	1017·2	..	..	264·5	..	..	232·0	..	..	*243·6*	..	2	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N. — JANUARY - ZONE 2

		N.	W.															
201	Cape Otto Schmidt	68 55	179 30	7·0	..	..	..	..	251·5	..	238·3	230·8	..	..	*241·4*	..	6	..
202	Savoonga	63 43	170 20	5·5	..	..	..	256·2	272·4	15th	248·6	238·6	27th	252·4	..	..	18	..
203	Nome	64 30	165 24	6·7	1008·1	1008·8	− 0·7	255·4	270·8	14th	247·6	235·2	27th	251·5	*251·9*	−4·1	24	− 3
204	Bethel	60 45	161 47	11·6	..	1008·8	+ 3·1	256·6	273·6	14th,15th	247·1	232·4	24th	251·9	..	−8·2	65	+ 43
205	Tanana	65 10	152 6	69·5	1003·0	1012·2	− 2·4	245·4	258·6	18th	234·4	217·4	28th	239·9	*240·5*	−7·9	22	+ 4
206	Rampart	65 30	150 15	114	..	..	..	244·7	258·0	17th,18th	236·7	219·7	29th	240·7	..	−3·9	19	+ 2
206a	Holy Cross	62 16	159 50	15·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
207	Cordova	61 31	145 36	13·1	..	993·5	−10·2	271·1	276·9	13th	261·1	249·1	29th	266·1	..	−3·8	162	− 69
208	Fairbanks	64 51	147 39	138	992·2	1012·2	..	247·3	264·7	16th	237·0	221·9	28th	242·2	*242·9*	−6·3	29	+ 8
209	Dawson	64 4	139 29	324	972·8	1018·9	..	241·8	255·2	12th	234·6	220·2	30th	238·2	*238·3*	−4·6	16	− 5
210	Aklavik	68 14	134 50	7·6	1011·8	1012·9	..	245·0	256·3	17th,18th	237·6	225·8	31st	241·3	*241·5*	..	19	..
211	Fort Good Hope	66 15	128 38	65·2	1008·1	1017·6	..	241·8	254·1	14th	232·8	223·6	7th	237·3	*237·3*	−5·2	10	− 8
212	Fort Simpson	61 52	121 15	126	996·3	1014·3	..	244·8	256·9	13th	237·1	227·4	3rd	240·9	*241·1*	−3·7	19	+ 3
213	Hay River	60 51	115 57	161	991·4	1014·1	..	247·3	265·8	13th	237·7	230·2	7th	242·5	*242·6*	−4·2	10	− 6
214	Coppermine	67 49	115 10	4·6	1008·1	1008·7	..	247·5	255·2	15th	241·3	233·6	23,24,28	244·4	*244·6*	..	..	..
218	Chesterfield	63 45	91 50	4·0	1004·9	1005·5	..	244·1	258·6	29th	237·2	227·4	7th	240·7	*240·5*	−0·2	4	..
221	Nottingham Island	63 7	77 56	16·5	1003·9	1006·1	..	249·2	265·8	30th	243·7	234·7	6th	246·4	*246·6*	..	15	..
223	Hope's Advance	61 5	69 33	73·2	993·9	1004·0	..	251·2	261·9	30th,31st	245·7	237·4	8th,12th	248·5	*248·8*	..	6	..
224	Resolution Island	61 18	64 53	38·7	995·9	1001·1	..	254·8	265·2	31st	249·2	241·3	8th	252·0	*252·2*	..	12	..
225	Jacobshavn	69 13	51 2	31·6	988·6	992·8	−10·4	257·4	266·7	9th	251·0	244·6	25th	254·2	*254·7*	−0·3	7	− 2
226	Godthaab	64 10	51 43	20	..	..	..	263·9	270·6	8th	258·0	253·7	1st	260·9	*261·9*	−1·3	11	− 26
227	Ivigtut	61 12	48 10	30·0	987·6	991·4	− 6·5	266·9	274·7	8th	259·6	254·0	19th	263·3	*263·8*	−1·7	53	− 30
229	Angmagsalik	65 36	37 33	29·3	974·4	978·1	−19·0	268·7	277·4	23rd	263·0	254·3	14th	265·9	*266·0*	+1·0	72	− 5
231	Stykkisholm	65 5	22 46	25	..	984·0	−13·4	276·4	281·7	22nd	271·5	264·2	16th	273·9	*273·8*	+3·0	274	+203
232	Vestmanno	63 24	20 17	122	..	987·8	−10·5	278·0	280·6	7,20,21	273·0	266·0	15th	275·5	*275·7*	+1·9	203	+ 57
233	Grimsey	66 33	18 1	22	..	983·9	−16·7	276·5	281·9	23rd	272·5	264·0	31st	274·5	*274·2*	+3·0	..	..
233a	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	25	..
234	Teigarhorn	64 41	14 22	18	..	990·4	− 9·6	278·3	282·8	26th	272·3	266·7	15th	275·5	*275·1*	+3·1	261	+135
235	Højvig	62 3	6 45	22·9	1000·0	1002·8	− 1·0	280·1	282·6	7th	275·8	272·4	31st	277·9	*278·4*	+2·0	186	+ 15
236	Lerwick	60 9	W. 1 8	48·8	..	1011·1	+ 4·5	279·5	283·0	7th	276·4	270·8	21st	277·9	*278·6*	+0·3	101	− 7
237	Bergen, Fredriksberg	60 24	E. 5 19	44·4	1012·5	1018·1	+ 8·5	277·6	283·4	3rd	274·6	268·6	18th	276·1	*276·2*	+1·5	141	− 27
238	Ona	62 52	6 33	14·6	1012·3	1014·1	+ 6·3	..	284·4	3rd	276·3	270·7	20th	..	*277·8*	+2·1	59	− 75
239	Trondheim	63 26	10 25	59·2	1008·9	1016·4	+ 8·6	274·8	281·2	3rd	270·7	261·8	23rd	272·7	*273·4*	+3·0	59	− 30
240	Bodo	67 17	14 26	17·0	1011·2	1013·3	+ 8·6	..	280·6	3rd	271·6	260·3	21st	..	*273·8*	+2·4	47	− 38
241	Haparanda	65 50	24 9	9·2	1021·2	1022·4	+12·8	268·6	275·6	4th	263·7	241·0	21st	266·1	*266·3*	+4·5	40	+ 1
242	Helsingfors	60 10	24 57	11·7	1026·0	1027·5	+14·9	270·5	277·0	28th	266·7	250·4	22nd	268·6	268·7	+2·0	42	− 3
242a	Kuopio	62 55	27 40	233	997·1	1027·6	+15·8	266·2	276·0	4th	261·9	244·8	22nd	264·1	*264·1*	+0·4	29	− 17
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics.

JANUARY - ZONE 2 cont.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 70° N. AND 60° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
243	Kola	68 53	33 1	6·7	1019·2	1020·1	+13·1	268·1	277·0	4th	261·2	240·1	23rd	264·6	265·0	+3·6	16	+ 4
244	Petrozavodsk	61 47	34 23	79·0	..	..	..	265·1	274·2	1st	260·2	241·7	22nd	262·6	262·6	−0·2	15	−11
245	Arkhangelsk	64 34	40 31	6·3	1029·0	1029·8	+17·9	262·2	274·8	5th	256·2	239·4	21st	259·2	*259·1*	−0·4	19	− 4
246	Mezen	65 50	44 16	17·4	1027·8	1030·0	+19·2	260·3	275·1	5th	254·1	235·0	21st	257·2	*257·1*	−1·2	8	− 5
247	Oust-Tsylma	65 25	52 18	73·8	1023·6	1033·8	+23·2	258·6	274·4	6th	252·4	233·7	20th	255·5	*255·2*	−0·8	7	−13
248	Tcherdyn	60 24	56 31	208	1007·8	1036·0	+16·1	258·9	271·6	7th	253·2	241·0	24th	256·0	*255·7*	+0·4	11	−27
249	Berezov	63 56	65 4	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249a	Yugor Strait	69 49	60 45	13·0	1029·2	1030·9	+20·6	258·8	271·7	..	250·0	240·2	..	254·4	*254·4*	−0·4	5	− 2
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	..	..	..	..	..	..	..	..	..	..	..	..	..	..
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Viliouisk	63 45	121 35	120	1009·9	1027·2	..	..	264·6	24th	236·3	221·2	15th	..	*241·2*	+7·2	13	+ 4
262	Iakoutsk	62 1	129 43	108	1012·3	1028·4	− 1·9	236·5	253·3	26th	227·0	214·6	15th	231·8	*232·2*	+2·9	7	− 2
263	Verkhoiansk	67 33	133 24	100	1003·0	1017·8	− 5·1	..	..	..	227·4	215·8	11th	..	*232·2*	+9·3	15	+11
264	Petropavlovskoe	60 25	134 28	?163	1003·1	1027·9	..	..	..	..	224·9	215·2	16th	..	*229·5*	..	9	..
268	Naiakhan	61 55	158 59	29·0	1009·1	1013·1	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45	177 33	17·2	1010·6	1012·9	− 2·8	248·7	267·7	15th	244·3	231·8	23rd	..	*247·4*	..	7	..
		N.	E.								240·4	231·5	10th	244·6	*245·2*	−4·8	1	− 7

JANUARY - ZONE 3 — BETWEEN LATITUDE 60° N. AND 50° N.

		N.	W.															
302	St. Paul Island	57 15	170 10	5·8	..	1007·1	+ 4·1	271·4	276·3	14th	267·3	259·1	10th	269·3	..	+1·6	58	− 2
303	Dutch Harbor	53 55	166 30	4·0	1006·1	1006·4	+ 5·7	276·1	285·8	18th	269·9	264·7	8,19,23	273·0	*273·5*	−0·2	102	−43
305	Dillingham	59 0	158 28	24·4	..	..	..	266·0	275·2	19th	252·7	241·9	2nd,24th	259·3	..	−4·3	41	+ 2
306	Kodiak	57 48	152 22	4·6	1000·0	1000·7	− 2·1	273·1	278·0	10th	267·0	258·0	24th	270·0	*269·9*	−2·4	18	−69
309	Sitka	57 3	135 19	4·6	..	..	..	275·2	281·3	13th	269·0	261·9	22nd,23rd	272·1	..	−0·8	102	−92
310	Prince Rupert	54 18	130 18	51·8	994·2	1000·6	−10·8	276·2	280·8	8th,12th	272·3	266·9	21st	274·2	*274·6*	+0·1	249	+ 4
311	Prince George	53 50	122 48	570	936·3	1007·1	..	271·5	278·6	7th	258·9	241·3	16th	265·2	*265·6*	+2·8	57	+16
312	Kamloops	50 41	120 20	385	961·2	1008·7	−14·5	274·6	281·9	5,9,13	268·7	260·2	17th	271·7	*271·8*	+3·8	8	−19
313	Calgary	51 2	114 2	1079	877·1	1006·9	−12·2	270·8	284·1	13th	257·9	246·9	16th	264·4	*264·1*	+2·3	11	− 2
314	Fort Smith	60 0	111 52	207	985·4	1014·5	..	248·1	264·7	14th	237·8	229·7	3,9,24	242·9	*242·6*	−3·9	18	+ 3
315	Prince Albert	53 10	105 45	436	935·1	1012·7	− 8·9	259·1	276·3	13th	246·9	234·1	16th	253·0	*253·8*	+0·4	24	+ 4
316	Qu'Appelle	50 31	103 56	654	928·5	1011·9	− 9·9	262·8	276·3	14th	252·1	238·0	16th	257·4	*257·1*	+2·4	20	0
317	Minnedosa	50 15	99 50	515	945·8	1012·7	− 8·3	261·4	276·9	14th	250·9	238·6	13th	256·2	*255·8*	+2·0	22	0
318a	Churchill	58 46	94 13	13·1	1010·8	1012·6	..	258·7	270·8	29th	248·5	236·9	12th	253·6	..	+2·4	20	− 2
								247·7	263·0	29th	241·1	235·8	22nd	244·4	*244·3*	..	31	..
319	Pagwa	50 3	85 18	189	..	..	..	..	..	..	..	..	..	..	..	..	..	..
320	Moose Factory	51 14	80 30	8·8	..	..	..	260·4	274·7	3rd	244·4	231·3	7th	252·4	*252·1*	−0·2	..	..
320a	Moosonee	51 13	80 31	8·8	..	1015·1	..	260·1	274·7	3rd,25th	245·4	233·0	8th	252·7	*252·8*	..	79	..
321	Fort George	53 50	79 5	97·5	..	..	..	260·7	270·8	3rd	243·7	230·8	8th	252·2	*250·4*	+3·6	..	..
322	Mistassini Post	50 30	73 55	383	..	..	..	..	..	..	..	..	..	..	..	..	..	..
323	Fort Chimo	58 10	68 10	15·2	..	..	..	252·6	266·9	14th	242·8	236·9	8th	247·7	*247·3*	−0·7	..	..
324	Natashkwan	50 14	61 48	6·1	..	..	..	270·1	273·6	4th	254·8	239·1	8th	262·4	..	+4·4	116	+34
326	Belle Isle	51 53	55 23	130	992·1	1009·1	+ 2·2	266·7	273·6	12th	257·3	244·7	13th	262·0	*262·2*	+1·9	..	..
334	Valentia Observatory	51 56	10 15	13·7	1014·9	1016·6	+ 2·7	281·0	286·0	2nd	276·8	269·0	26th	278·9	279·2	−0·9	141	− 8
335	Aberdeen	57 10	W. 2 6	26·0	1011·8	1015·1	+ 4·8	278·3	285·9	8th	273·1	267·3	28th	275·7	275·7	−0·8	47	− 7
336	Greenwich	51 29	0 0	46·3	..	1020·7	+ 4·4	278·3	284·7	3rd	273·1	266·3	23rd	275·7	276·0	−0·8	27	−16
337	Uccle	50 48	E. 4 22	100	1009·3	1021·9	+ 4·9	276·3	285·0	3rd	270·5	261·7	26th	273·4	273·6	−1·6	35	−28
338	De Bilt	52 6	5 11	3·0	1021·6	1022·0	+ 5·5	276·2	284·0	3rd	270·0	260·2	27th	273·1	273·1	−1·7	25	−29
338a	Hamburg	53 33	9 58	40·3	1019·2	1024·4	+ 7·7	274·0	283·0	3rd,4th	269·5	261·1	26th,27th	271·7	271·7	−1·7	29	−24
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1023·8	1024·4	+ 9·2	274·2	280·5	3rd	271·0	262·6	23rd	272·6	*273·0*	+0·7	19	−20
340	Potsdam	52 23	13 4	84·9	1013·5	1024·4	+ 6·7	272·1	280·5	5th	266·7	254·3	27th	269·4	269·4	−3·0	17	−23
340a	Uppsala	59 51	17 38	24	1021·4	1024·4	+12·0	272·3	279·9	4th	268·6	250·7	23rd	270·5	270·6	+1·8	26	− 6
341	Warsaw	52 13	21 3	88·3	1015·4	1027·0	+ 7·7	267·8	275·9	31st	262·8	243·9	26th	265·3	*265·6*	−5·7	9	−18
342	Tartu	58 23	26 43	80·8	1018·1	1028·7	+13·5	267·0	275·1	28th	262·9	250·1	24th	264·9	265·1	−1·3	19	−12
343	Leningrad	59 56	30 16	8·6	1028·7	1029·8	+15·4	266·2	274·9	28th	262·3	246·4	21st	264·2	*264·1*	−1·1	19	− 5
344	Moscow	55 50	37 33	167·2	1010·6	1033·0	+13·7	262·8	272·7	2nd	257·2	240·8	21st	260·0	*259·8*	−2·4	7	−25
345	Saratov	51 34	46 0	135	1012·4	1030·6	+ 7·3	260·3	274·4	1st	254·7	240·9	20th	257·5	*257·7*	−2·3	21	..
346	Kazan	55 47	49 8	82·4	1021·4	1032·7	+12·3	259·3	273·4	1st	254·3	240·2	23rd	256·8	*256·8*	−2·6	15	− 8
347	Orenburg	51 45	55 6	109	1017·4	1032·3	+ 7·0	258·9	268·5	30th	251·7	237·5	19th	255·3	*255·2*	−2·7	5	−24
348	Perm	58 1	56 16	159	1012·6	1034·3	+13·9	259·0	270·3	7th	253·7	238·3	24th	256·4	*256·1*	−1·1	14	−23
349	Sverdlovsk	56 50	60 38	281	997·4	1035·7	+15·0	257·0	269·5	8th	251·4	239·4	20th	254·2	*254·2*	−2·6	13	+ 2
350	Tobolsk	58 12	68 14	108	1024·0	1038·0	+17·1	256·3	268·6	7th	248·4	235·2	1st	252·4	*252·1*	−2·0	5	−11
351	Akmolinsk	51 12	71 23	347	988·8	1037·1	+ 8·6	256·9	266·7	29th	248·0	240·1	23rd	252·4	*252·2*	−4·0	3	−12
352	Omsk	55 1	73 19	108	1023·1	1037·9	+12·5	253·9	267·3	7th	245·8	236·3	13th	249·8	*249·8*	−3·8	6	− 8
353	Barnaoul	53 20	83 47	158	1017·5	1039·7	+10·3	254·2	265·7	1st	243·0	230·7	10th	248·6	*248·1*	−7·3	7	−14
354	Tomsk	56 30	84 58	123	1023·2	1040·5	+14·3	252·3	269·6	6th	243·5	224·4	9th	247·9	*247·8*	−5·8	22	− 9
355	Minousinsk	53 43	91 41	249	1007·4	1042·7	+10·9	252·4	266·5	3rd	239·5	230·0	10th	246·0	*244·7*	−8·1	2	− 5
356	Eniseisk	58 27	92 10	78	1029·9	1041·3	..	..	..	..	234·2	218·7	9th	..	*241·4*	10·1	10	−10
357	Irkutsk	52 16	104 19	467	978·3	1043·2	+10·4	251·8	264·3	5th	242·5	233·2	11th	247·1	*246·4*	−5·6	5	− 4
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	665	946·8	1037·7	+ 4·9	252·6	259·9	15th	239·8	231·8	18th	246·2	*245·2*	−0·9	1	− 2
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

JANUARY - ZONE 3 cont.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
361	Tygan Ourkan	54 5	124 46	379	976·4	1028·9	+1·8	251·1	260·2	26th	240·8	229·9	6th	246·0	*246·1*	+0·0	5	+ 2
362	Blagovyeshchensk (Bureau Meteor)	50 16	127 30	142	1007·2	1026·9	+1·7	254·1	259·9	31st	243·4	237·8	11th	248·8	*247·9*	−1·2	3	0
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1013·9	1019·8	+3·1	250·7	257·2	10th	242·1	234·3	12th	246·4	*246·1*	+3·1	9	− 6
366	Okhotsk	59 21	143 17	5·5	1015·1	1015·9	+2·8	248·6	260·5	11th	243·2	237·8	21st	245·9	*245·9*	+3·4	0	− 2
368	Petropavlovsk (Phare)	52 53	158 43	87·1	996·3	1007·7	+5·5	262·7	268·9	19th	257·0	249·8	31st	259·8	*259·5*	−3·1	22	−54
369	Kluchevskoye	56 21	160 48	23·5	1009·0	1012·2	..	..	..	..	241·4	231·0	28th	..	*247·1*	..	9	..
370	Nikolskoe	55 12	165 59	6·8	1004·6	1005·5	..	269·0	273·8	1st	262·6	252·6	26th	265·8	*266·0*	..	29	..
		N.	E.															

JANUARY - ZONE 4

BETWEEN LATITUDE 50° N. AND 40° N.

		N.	W.															
411	Victoria, B.C.	48 24	123 19	69·5	1000·9	1009·5	−5·8	278·7	282·4	10th	275·2	271·3	16th,19th	276·9	*276·9*	0·0	129	+14
412	Portland, Oregon	45 32	122 41	46·6	1008·4	1013·9	−4·6	279·4	287·4	8th	275·2	268·0	18th	277·3	*277·2*	+0·5	202	+36
413	Macleod	49 44	113 24	953	..	..	..	273·4	281·9	9th,14th	264·1	245·8	16th	268·8	*268·8*	+3·6	10	− 7
414	Helena	46 34	112 4	1257	866·2	1011·5	−6·1	274·1	283·6	9th	265·5	250·8	17th	269·8	*269·7*	+3·2	14	− 9
414a	Salt Lake City	40 46	111 54	1328	865·9	1016·9	−3·2	275·5	281·3	9th	267·2	263·0	29th	271·3	*271·9*	−0·1	53	+18
415	Cheyenne	41 8	104 48	1857	806·3	1012·5	−3·1	277·1	284·1	9th	265·9	258·6	11th	271·5	*272·0*	+1·9	6	− 4
416	North Platte	41 8	100 45	860	911·6	1013·2	−5·9	281·3	288·6	9th	266·1	260·8	30th	273·7	*272·8*	+5·9	4	− 7
416a	Bismarck	46 47	100 48	510	948·2	1011·2	−8·3	269·1	284·1	9th	257·2	244·1	17th	263·1	*263·7*	+2·8	21	+ 8
417	Winnipeg	49 53	97 7	232	981·6	1012·4	..	261·9	273·6	14th	251·2	238·0	12th	256·5	*256·3*	+3·4	26	+ 3
418	Duluth	46 47	92 6	345	968·5	1011·2	−7·8	270·0	278·6	15th	260·0	246·9	12th	265·0	*265·0*	+5·2	19	− 7
419	Port Arthur	48 27	89 12	196	987·0	1012·4	−5·5	267·5	276·3	24th	257·7	240·8	13th	262·6	*262·5*	+3·9	28	+ 9
420	Chicago	41 47	87 35	205	989·5	1014·5	−4·7	279·3	286·9	18th	271·9	264·1	12th	275·6	*275·4*	+7·3	59	+ 7
421	Toronto	43 40	79 24	116	1000·9	1015·5	−2·6	277·4	285·2	19th	270·3	258·0	1st	273·9	*273·6*	+6·3	41	−30
422	¤New York (Central Park)	40 47	73 58	47·4	1010·6	1016·5	−1·5	281·2	289·1	23rd	274·1	262·4	1st	277·6	*277·6*	+4·9	45	−43
423	St. John, N.B.	45 17	66 4	36·3	1009·1	1013·7	..	274·8	281·3	11th	265·4	255·2	1st	270·1	*269·7*	+4·4	113	− 9
424	S.W. Point, Anticosti	49 24	63 33	9·1	1009·7	1010·9	..	270·1	275·8	11th	259·7	251·3	13th	264·9	*265·1*	+2·9	64	+ 2
424a	Sable Island (Main Station)	43 57	60 6	7·6	1011·5	1012·5	..	277·8	283·0	9th	271·2	265·2	1st	274·5	*274·5*	+2·3	105	−30
426	St. John's, Newfoundland	47 34	52 42	74·1	1000·9	1010·4	+0·5	274·4	283·6	5th	266·2	256·9	2nd	270·3	*270·4*	+2·0	61	−75
435	Madrid	40 24	3 41	667	940·7	1020·6	−3·5	280·9	285·8	20th	273·4	268·4	25th	277·1	*276·5*	−0·6	46	+21
436	Nantes	47 15	W. 1 34	36·5	1016·0	1020·5	+0·3	279·0	286·3	2nd	274·0	265·4	26th	276·5	276·3	−1·1	48	−16
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1016·0	1022·4	+2·3	277·5	286·0	2nd	272·0	263·4	27th	274·8	274·7	−0·9	28	−11
438	Marseille	43 18	5 23	75	..	1016·5	−0·9	282·7	288·2	3rd	275·4	266·3	24th	279·1	*278·5*	−1·3	41	− 1
438a	Zürich	47 23	8 33	493	962·4	1023·8	+1·6	273·3	279·5	31st	268·1	262·0	24th,25th	270·7	270·3	−1·5	41	−11
439	Rome	41 54	12 29	45·5	1008·9	1014·5	−1·6	283·9	288·2	30th	277·4	273·1	24th	280·6	*280·2*	+0·3	84	+ 1
440	Vienna	48 15	16 22	203	999·1	1025·0	+4·3	270·9	279·4	31st	267·6	260·3	23rd,26th	269·2	269·3	−2·1	31	− 6
440a	Budapest	47 31	19 1	130	1007·7	1024·4	+3·3	272·4	276·8	19th	269·4	263·4	28th	270·9	270·8	+1·0	22	−16
441	Sofia	42 42	23 20	550	956·1	1024·7	+2·1	271·7	277·2	31st	266·9	259·0	27th	269·3	269·3	−1·5	44	+10
442	Bucharest	44 25	26 6	82	1015·5	1026·2	+5·0	269·5	277·3	8th	264·1	249·2	28th	266·8	*266·6*	−3·2	70	+36
443	Odessa (Observatory)	46 26	30 46	42·8	..	..	..	270·6	276·9	1st	266·1	253·8	26th	268·2	*268·1*	−2·3	27	+ 1
444	Novorossiisk	44 44	37 49	37·1	1018·0	1022·7	+3·3	276·6	286·6	23rd	269·6	260·7	26th	273·1	*273·1*	−2·7	37	−38
445	Tiflis	41 43	44 48	404	975·0	1025·5	+2·7	275·2	279·0	15th	269·2	260·8	11th	272·2	*271·7*	−1·4	41	+27
446	Astrakhan	46 21	48 2	−20	1030·0	1027·4	+4·1	266·9	274·2	1st	261·3	251·0	28th	264·1	*263·5*	−2·4	8	− 5
447	Fort Alexandrovsk	44 31	50 7	−23·0	1029·9	1027·0	+6·3	270·5	275·3	3rd	265·7	259·7	28th	268·1	*267·9*	−1·4	8	− 1
448	Krasnovodsk	40 0	52 59	− 7·4	1025·6	1024·7	+3·0	277·7	281·8	30th	272·4	266·5	10th	275·0	*274·6*	−1·0	18	+ 5
449	Kasalinsk	45 46	62 7	66·7	1022·2	1031·3	+5·5	262·2	271·1	15th	254·2	243·0	20th	258·2	*258·0*	−3·1	11	− 3
450	Tashkent	41 20	69 18	479	969·2	1029·9	+4·1	272·4	282·3	28th	262·5	252·9	24th	267·4	*266·6*	−5·4	37	−10
451	Andijan	40 44	72 20	496	968·7	1032·3	..	270·1	274·3	17th	259·6	247·3	24th	264·8	*264·1*	..	27	..
452	Alma Ata	43 16	76 55	848	927·0	1033·8	+5·1	267·9	278·2	27th	258·1	249·1	6th	263·0	*262·3*	..	13	−19
459	Peiping	40 0	116 22	84·5	1025·5	1036·6	..	271·9	279·2	30th	260·9	256·2	12th	266·4	266·5	..	1	..
461	Fengtien (Moukden)	41 47	123 24	44·3	1025·9	1031·9	+3·7	265·4	275·1	6th	252·4	247·5	27th	258·9	258·5	−1·5	1	− 4
462	Joshin	40 40	129 12	31·9	1022·0	1026·2	+4·0	270·8	277·6	10th	261·8	254·0	27th	266·3	265·9	−1·1	41	+19
463	Yuki	42 20	130 24	63·8	1018·1	1026·4	+3·8	266·4	272·0	10th	259·1	251·2	12th	262·7	262·7	−0·9	2	− 3
464	Vladivostok	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
465	Ochiai	47 20	142 47	27·4	1014·2	1018·0	+4·8	262·0	269·5	9th	253·8	241·5	31st	257·9	258·1	−0·3	28	−12
466	Nemuro	43 20	145 35	26·7	1012·5	1015·9	+3·9	270·6	276·3	11th	264·4	259·3	29th	267·5	267·8	−0·2	49	+15
466a	Syana	45 14	147 53	39·3	1009·1	1014·2	+4·3	270·3	275·7	11th	263·1	256·7	29th	266·7	266·6	−0·9	45	−49
		N.	E.															

JANUARY - ZONE 5 (AMERICA)

BETWEEN LATITUDE 40° N. AND 30° N.

		N.	W.															
511	San Francisco	37 48	122 26	47·2	1011·8	1017·6	−2·2	284·3	291·3	13th	278·4	275·2	10th	281·3	*281·1*	−1·4	144	+23
512	Sacramento	38 35	121 30	** 20·1	1015·6	1018·3	−2·1	281·6	289·1	13th	275·4	271·9	17th	278·5	*278·9*	−2·2	72	−25
513	San Diego	32 43	117 10	26·5	1014·2	1017·3	−0·9	289·1	294·7	14th	280·0	276·9	20th	284·6	*284·2*	−0·6	110	+64
514	Modena	37 48	113 54	1668	831·3	1017·6	−3·0	274·3	284·1	9th	260·3	251·3	31st	267·3	*267·5*	−2·2	35	+13
515	Santa Fé	35 41	105 57	2138	784·6	1018·6	−1·0	275·8	281·9	9th	264·8	260·2	1st	270·3	*270·3*	−0·9	19	+ 2
516	Denver	39 45	105 0	1613	831·3	1011·8	−3·6	281·6	291·3	9th	268·9	263·0	27th	275·2	*275·6*	+3·4	0	−11
517	Abilene	32 23	99 40	530	954·9	1016·6	−2·4	290·6	299·7	18th	277·7	269·7	12th	284·1	*283·6*	+4·2	9	−13
518	Saint Louis	38 38	90 12	173	995·2	1015·9	−4·0	284·1	291·3	21st	274·7	266·3	1st	279·4	*278·9*	+6·6	55	− 3
519	Mobile	30 41	88 2	17·4	1017·9	1020·0	−1·0	290·7	295·2	22nd	283·0	270·8	1st	286·8	*286·7*	+3·2	104	−16
520	Nashville	36 10	86 47	166	999·6	1020·0	−1·5	285·1	294·1	22nd	276·6	266·9	1st	281·3	*281·4*	+4·5	89	−31
521	Charleston	32 47	79 56	14·6	1017·9	1019·6	−1·4	290·5	296·9	21st	281·9	274·7	14th	286·2	*285·9*	+3·3	98	+20
522	Washington	38 54	77 3	34·1	1013·9	1017·9	−2·2	283·4	293·0	19th	274·4	266·3	1st	278·9	*278·7*	+4·9	83	− 4
524	Bermuda	32 22	64 40	48·2	..	1015·7	..	294·7	298·0	13th	289·1	281·9	29th	291·9	*291·7*	+1·7	148	+36
		°N. ′	°W. ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.
**Height changed from 21·0 m. to 20·1 m. from January 1st.
†Estimates not based on at least six equally spaced observations each day are in italics.

JANUARY - ZONE 5 (EUROPE, AFRICA, ASIA)

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 8	40	1015·0	1020·4	−0·5	289·5	292·7	11th	285·1	282·5	22nd	287·3	287·3	0·0	115	− 78
531	Horta	38 32	28 38	65	1012·7	1020·6	−0·8	289·1	290·7	20th	284·5	282·4	28th	286·8	286·8	−0·8	88	− 28
532	Ponta Delgada	37 44	25 40	22	1018·4	1021·0	−1·3	289·3	290·8	1st	283·1	282·0	28th	286·2	286·9	−0·6	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	116	− 15
533	Madeira (Funchal)	32 38	16 55	25	1015·6	1018·6	−3·2	291·3	294·8	1st	285·9	283·6	10th	288·6	*288·4*	+0·2	108	+ 21
535	Lisbon	38 43	9 9	95	1007·7	1019·3	−1·8	285·4	288·3	21st	280·0	273·2	25th	282·7	282·7	−0·6	82	− 10
536	Gibraltar	36 6	5 21	27·4	..	1018·8	−2·7	289·4	291·9	21st	281·8	278·6	14th	285·6	*284·9*	−0·1	380	+262
536a	Colomb-Bechar	31 37	W. 2 13	769	929·6	1019·3	−3·4	288·3	294·9	28th	275·7	270·8	12th	282·0	*281·1*	+0·4	7	− 4
537	Palma	39 34	E. 2 39	23	1014·5	1017·3	−2·2	286·6	290·4	1st,3rd	277·7	273·6	23rd	282·2	*281·2*	−1·3	42	+ 1
538	Algiers	36 46	3 13	59	1010·9	1018·1	−2·4	287·3	292·6	29th	282·5	278·3	22nd	284·9	284·8	+0·1	117	− 7
538a	Gadames	30 8	9 30	361	..	..	..	291·9	305·0	30th	274·3	270·5	16th	283·1	..	−0·1	0	− 3
539	Tunis	36 48	10 10	66	1007·1	1015·1	−3·7	286·6	292·9	28th	278·5	275·6	13th,24th	282·6	*282·5*	−0·5	196	+140
540	Malta	35 54	14 31	71·2	..	1014·3	−2·4	288·3	291·3	3,29,30	282·8	279·1	20th	285·6	*285·2*	−0·3	177	+ 95
541	Athens	37 58	23 43	107	1005·9	1019·0	+0·9	285·4	289·7	19th	278·7	276·2	28th	282·1	281·4	−0·1	69	+ 14
542	Alexandria	31 12	29 53	32	1015·4	1019·2	+1·1	292·9	295·2	31st	283·1	280·2	15th,18th	288·0	*287·4*	+0·4	10	− 41
543	Ankara	39 58	32 48	861	919·6	1023·8	+3·1	277·4	284·9	23rd	266·6	258·9	6th	272·0	*271·6*	..	22	..
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1018·8	+1·8	286·9	290·2	3rd	277·3	270·2	7th	282·1	..	−0·8	84	+ 7
544	Beirut	33 54	35 28	33·7	..	1018·6	+0·8	288·6	293·2	23rd	283·3	279·3	7th	286·0	*285·8*	−0·3	98	− 86
545	Hinaidi	33 17	44 29	32·9	1016·7	1020·6	−0·3	285·9	289·7	23rd	275·4	266·9	10th	280·7	*280·7*	−1·4	46	+ 18
546	Lenkoran	38 46	48 51	− 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	Tehran	35 41	51 25	1220	..	..	..	278·1	282·4	15th,26th	269·2	263·6	11th	273·7	*273·3*	−1·5	31	− 10
548	Meshed	36 17	59 36	946	..	..	..	277·6	284·1	15th,27th	..	..	..	..	..	..	19	− 2
549	Seistan	31 2	61 30	610	965·7	..	..	286·8	293·6	29th	273·1	267·4	4th	279·9	..	−1·5	8	− 3
550	Quetta	30 10	67 1	1647	837·5	..	−0·5	281·5	290·2	17th	270·2	264·7	7th	275·9	*275·5*	−1·4	41	− 8
551	Peshawar	34 1	71 35	355	978·8	1022·1	+0·5	289·8	294·1	8,15,29	276·4	271·9	14th	283·1	*282·0*	−0·6	21	− 19
551a	Lahore	31 35	74 20	214	993·8	1020·2	+1·0	290·5	296·3	31st	275·7	271·9	14th	283·1	*282·3*	−2·3	2	− 25
552	Simla	31 6	77 10	2202	781·7	..	0·0	281·1	285·8	9th	274·3	269·1	23rd,24th	277·7	277·3	−1·0	22	− 46
552a	Leh	34 9	77 34	3503	662·5	..	−2·6	267·1	273·6	20th	253·8	246·9	28th	260·4	*259·3*	−5·7	18	+ 9
558	Sian	34 31	109 5	365	983·4	1029·4	..	276·5	286·0	30th	266·3	261·0	28th	271·4	271·5	..	0	..
559	Hankow	30 35	114 17	39·1	1028·0	1033·1	+4·6	276·3	288·6	31st	269·8	260·0	17th	273·1	*273·1*	−3·7	40	− 4
560	Tientsin	39 9	117 9	6·4	1032·3	1033·0	+4·3	271·9	279·5	8th	261·3	255·4	12th	266·6	*266·3*	−2·7	4	0
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1029·4	1030·3	+3·5	278·6	289·3	10th	271·5	264·6	29th	275·1	274·4	−1·8	82	+ 33
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1020·0	1029·2	+4·2	271·8	279·0	10th	264·0	257·6	26th	267·9	267·5	−1·9	7	− 16
562a	Nagasaki	32 44	129 52	133	1008·4	1024·9	+3·0	280·5	289·3	11th	274·7	267·8	26th	277·6	277·2	−1·5	57	− 22
563	Kyoto	35 1	135 44	42·9	1016·7	1022·1	+2·9	281·1	286·8	7th	271·8	266·0	29th	276·5	275·7	+0·1	51	− 11
564	Tokyo	35 41	139 46	5·8	1018·2	1018·9	+2·6	280·6	288·3	8th	272·4	267·6	28th	276·5	276·2	+0·2	58	+ 2
565	Hukusima	37 45	140 28	68·5	1011·2	1019·9	+3·1	276·9	282·7	4th	268·9	262·6	20th	272·9	272·7	−0·8	43	− 5
566	Miyako	39 38	141 59	30·4	1014·3	1018·2	+3·4	276·9	283·6	2nd,7th	267·1	260·1	28th	272·0	271·4	−1·0	49	− 20
		N.	E.															

JANUARY - ZONE 6 (AMERICA, AFRICA)

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 13	177 22	5·8	1014·8	1015·5	..	296·4	299·1	Sev. dates	..	..	..	..	..	..	247	+146
605	Honolulu	21 19	157 52	11·6	1015·6	1016·9	+0·7	297·8	299·7	5th	293·1	291·3	22nd	295·4	*295·3*	+0·9	67	− 30
613	Guaymas	27 55	110 53	8·3	1015·5	1016·5	−0·1	293·7	299·0	9th	284·8	281·5	23rd	289·3	*287·8*	−1·5	37	+ 27
614	La Paz, Mexico	24 10	110 20	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..
615	Leon	21 7	101 41	1809	820·2	1011·8	−2·2	295·8	300·8	25th	280·6	273·3	1st	288·2	*287·6*	+0·9	29	+ 19
616	Monterry	25 40	100 18	528	954·7	1015·5	−3·3	295·0	303·6	26th	285·2	273·8	1st	290·1	*289·1*	+2·5	15	+ 2
617	Tulancingo	20 5	98 22	2181	789·7	..	−0·9	295·3	301·1	26th	277·8	268·2	1st	286·5	*285·7*	+1·3	8	− 7
618	Galveston	29 18	94 50	16·5	1016·2	1018·3	−2·3	291·1	295·2	22nd	286·4	276·9	1st	288·7	*288·5*	+3·7	84	+ 1
618a	New Orleans	29 57	90 4	16·2	1017·9	1020·0	−0·3	292·3	299·1	20th	284·8	273·0	1st	288·6	*288·1*	+2·9	91	− 24
619	Merida, Yucatan	20 58	89 38	22	1013·9	1016·5	−1·6	300·6	304·0	1st	291·9	288·6	6th	296·3	295·1	+0·7	2	− 22
620	Havana	23 7	82 25	77·0	1008·3	1017·3	−1·4	299·2	302·6	12th	291·7	287·0	30th	295·5	295·1	+0·4	13	− 23
620a	Key West	24 33	81 48	6·7	1017·6	1018·3	−1·5	298·1	300·8	13th	292·3	285·8	30th	295·2	*294·4*	+1·5	7	− 42
621	Nassau, Bahamas	25 5	77 20	5·4	..	1021·0	+1·6	296·9	300·2	1st,14th	292·0	287·4	29th	294·4	*294·3*	−0·7	0	− 55
622	San Salvador (Watling Island)	24 6	74 26	33·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
633	Port Etienne	20 56	17 3	4	1013·2	1013·7	..	297·0	..	..	283·6	..	..	290·3	..	..	0	− 1
634	La Laguna	28 28	16 20	547	951·8	1015·6	−5·6	287·2	290·8	30th	281·8	276·3	10th	284·5	*285·1*	+0·9	74	− 17
634m	Izaña	28 19	16 30	2367	765·5	..	−3·3	..	..	..	..	..	..	..	274·9	..	92	+ 19
636	Adrar	27 52	W. 0 17	285	984·7	1018·6	..	292·6	302·8	28th	277·5	272·1	20th	285·1	*285·8*	..	0	..
638	Tamanrasset (Fort Laperrine)	22 47	E. 5 31	1350	864·4	1013·6	−0·5	290·8	298·0	28th,29th	278·3	273·3	17th,23rd	284·5	284·8	−0·6	50	+ 44
639	Gat	24 58	10 11	566	..	..	..	294·0	301·8	31st	281·4	278·2	2nd	287·7	*288·1*	..	0	..
640	Hon	29 8	15 56	207	..	..	..	292·8	303·2	30th	277·7	273·2	10th	285·3	*284·6*	..	8	..
641	Giarabub	29 44	24 31	15	..	..	..	292·7	297·3	16th	277·3	274·8	18th	285·0	*285·5*	..	13	..
642	Siwa	29 12	25 29	15	1021·8	1019·9	−0·6	291·2	297·4	31st	274·4	272·0	14th	282·8	*282·2*	−1·9	12	+ 10
643	Cairo (Helwan)	29 52	31 20	116	1005·1	1019·1	+0·2	291·8	297·3	31st	281·2	277·6	9th	286·5	286·2	+0·2	5	− 4
643a	Aswan	24 2	32 53	100	1004·8	1016·7	−1·0	296·7	304·3	21st	283·3	279·4	1st	290·0	*289·0*	+0·9	..	..
644	Tor	28 14	33 37	1·9	1016·7	1016·9	−0·2	293·1	300·7	23rd	282·4	277·5	9th	287·7	*287·7*	+0·7	7	+ 6
		N.	E.															

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

JANUARY - ZONE 6 (ASIA)

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	28 59	50 49	4·3	1018·5	1019·0	..	289·9	296·3	13th,14th	283·3	278·6	1st	286·6	*286·4*	−0·8	38	− 31
648	Jask	25 45	57 45	4·0	1017·8	1018·2	..	296·3	298·0	14,16,20	289·2	285·2	1st	292·7	*292·5*	0·0	24	− 5
649	Manora (Karachi)	24 48	66 59	4·0	1018·8	1019·3	+1·0	296·3	299·7	13th	285·8	283·6	25th	291·6	*291·4*	−1·0	1	− 12
650	Jacobabad	28 17	68 29	56·7	1012·8	1019·7	+0·9	294·9	299·1	31st	278·7	274·1	25th	286·8	*286·1*	−0·7	0	− 6
651	Jaipur	26 55	75 50	436	969·2	1020·9	+1·5	295·9	299·7	31st	279·4	274·7	15th	287·7	*287·1*	−1·4	0	− 12
652	Nagpur	21 9	79 7	310	981·3	1017·4	+0·1	302·9	306·3	21st	286·4	282·4	1st	294·7	*294·3*	+0·8	0	− 11
653	Allahabad	25 26	81 50	94·2	1007·2	1018·6	+0·5	295·7	299·1	21st	279·9	275·2	8th,15th	287·8	*286·9*	−1·5	0	− 19
653a	Darjiling	27 3	88 16	2265	776·1	..	−0·5	280·2	284·1	22nd	274·4	272·4	24th	277·3	276·9	−0·9	27	+ 13
654	Calcutta	22 32	88 20	6·4	1016·7	1017·5	+0·4	297·6	301·3	22nd	285·3	281·9	17th	291·5	*291·0*	−0·4	20	+ 11
655	Gauhati	26 11	91 45	55·5	1010·1	1016·8	−1·1	295·7	298·0	27th	283·6	280·2	16th	289·6	*288·9*	−0·4	15	+ 7
655a	Akyab	20 8	92 55	8·8	1014·4	1015·4	−0·1	300·0	304·1	26th	286·7	283·0	6th	293·3	*292·8*	−0·9	0	− 2
655m	Cherrapunji	25 15	91 44	1313	870·7	..	−0·2	288·2	292·4	22nd	280·2	276·9	6th,16th	284·2	*283·5*	−0·6	2	− 9
656	Mandalay	21 59	96 6	76·2	1006·2	1015·2	−1·2	303·1	305·8	25th,26th	287·1	284·7	16th	295·1	*294·4*	+0·8	0	− 1
656a	Tengyueh	25 0	98 40	1634	836·4	1014·8	..	290·6	293·5	24th	274·0	270·5	30th	282·3	*282·7*	+0·6	9	+ 5
657	Phu Lien	20 48	106 38	116	..	1021·9	+2·7	289·1	298·6	10th	284·1	280·0	28th	286·6	*286·3*	−3·5	13	− 18
658	Moncay	21 31	107 58	9·0	..	1022·1	+2·3	287·7	293·3	11th	282·4	278·1	15th	285·0	*284·3*	−3·8	12	− 28
659	Hongkong	22 18	114 10	33·2	..	1021·7	+2·0	289·1	295·5	11th	283·8	278·2	28th	286·5	286·0	−2·5	12	− 22
660	Amoy	24 26	118 4	4·9	1024·2	1024·8	+2·0	287·6	292·0	9,10,11	283·4	278·0	27th	285·5	285·3	−2·3	46	+ 14
661	Taihoku, Formosa	25 2	121 31	9·3	1022·2	1023·3	+2·1	290·5	300·2	10th	285·2	279·4	30th	287·8	287·5	−0·8	75	− 14
661a	Basco	20 28	121 59	18·7	..	1016·6	+0·7	297·5	300·6	21st	293·6	289·8	30th	295·5	295·3	+0·2	171	− 76
662	Naha	26 12	127 39	29·5	1018·3	1021·9	+1·9	291·0	298·0	11th	286·6	282·3	27th,31st	288·8	288·7	−0·4	95	− 37
665	Titizima (Bonin Islands)	27 5	142 11	4·3	1018·1	1018·6	+0·9	294·0	298·3	12th	288·3	285·3	29th	291·1	290·9	+0·3	59	− 39
		N.	E.															

JANUARY - ZONE 7

BETWEEN LATITUDE 20° N. AND 10° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
715	Colima	19 12	103 45	498	956·7	1012·8	−0·8	304·8	306·7	5th	287·9	284·4	9th	296·3	*294·9*	−0·2	29	+ 14
716	Morelia	19 42	101 7	1923	809·8	1012·3	−1·5	293·5	297·6	26th	281·4	276·4	1st	287·5	*287·0*	+0·7	1	− 13
717	Mexico, Tacubaya	19 24	99 12	2309	774·9	..	−0·2	294·4	298·0	17th	276·4	272·5	1st	285·4	284·8	+0·1	0	− 8
718	Salina Cruz	16 12	95 12	56	1005·6	1012·0	−1·9	302·4	304·6	18th	293·6	289·6	1st	298·0	*298·4*	+0·9	0	− 1
719	§San Salvador	13 42	89 13	682	938·3	1013·9	+0·3	308·1	310·8	21st	287·6	284·5	13th	297·9	*296·2*	+0·9	22	+ 17
720	Belize	17 31	88 11	5·2	1014·6	1015·3	−1·9	300·2	301·9	19,26,31	294·3	289·4	1st	297·2	*296·8*	+0·3	121	− 36
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1014·9	−0·4	302·4	304·4	4th	292·9	290·5	4th	297·7	*297·5*	0·0	43	− 1
722	Port au Prince	18 33	72 20	37·4	1011·0	1015·2	−0·7	303·5	305·5	7th	293·6	292·0	26th	298·5	*298·2*	+0·5	10	− 21
723	Caracas	10 30	66 55	1043	897·4	1011·8	..	297·8	300·8	31st	287·0	284·2	29th	292·4	*291·7*	+0·7	38	+ 16
724	San Juan, Porto Rico	18 29	66 7	25·0	1013·2	1016·2	−1·0	299·7	302·4	29th	294·4	291·9	18th	297·1	*297·0*	+0·3	58	− 59
724a	Grenada (Richmond Hill)	12 5	61 46	188	993·0	1014·3	..	303·6	305·2	11th	296·6	295·2	8th,30th	300·1	*299·7*	+2·0	320	+209
725	Barbados	13 8	59 36	57·9	..	1013·5	−1·1	301·1	302·2	4,6,31	293·7	291·6	28th	297·4	*297·2*	−0·3	117	+ 35
731	São Vicente, C. Verde Is.	16 54	25 4	11	1013·5	1014·8	−0·4	296·0	297·0	3rd	292·5	291·5	27th	294·2	*294·4*	−0·3	0	− 5
732	§San Tiago, C. Verde Is.	14 54	23 31	34	..	..	..	297·3	299·2	31st	..	..	..	..	*294·8*	..	0	− 3
733	Dakar	14 40	17 26	32	1007·8	1011·5	..	299·5	307·4	21st	291·0	287·8	18th	295·3	*294·8*	+0·4	1	0
734	§Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	301·9	308·0	20th	290·2	287·4	20th	296·1	295·9	−0·3	0	− 2
735	Bamako	12 39	7 58	340	971·6	1009·8	..	303·2	307·0	10th	293·5	290·1	17th	298·3	*298·0*	..	0	..
736	Kabara	16 45	W. 3 1	273	..	..	..	..	..	..	..	..	..	..	..	..	0	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	305·8	309·7	27th	290·3	286·9	3rd	298·1	*297·8*	+1·4	0	0
738	Kaduna Capital	10 32	7 25	584	941·5	1005·2	..	305·7	308·6	16,20,31	289·4	285·2	9th	297·6	*297·3*	+1·5	6	+ 6
739	Bilma	18 41	12 55	356	..	..	..	301·9	306·2	16th	281·1	275·3	29th	291·5	..	..	0	..
740	Maiduguri	11 47	13 11	361	..	..	..	306·7	310·8	22nd	..	..	..	..	..	..	0	..
741	El Fasher	13 32	25 18	730	927·6	1008·8	..	306·4	311·5	13,15,23	283·7	277·5	Sev. dates	295·1	*293·1*	+1·3	0	0
743	El Obeid	13 11	30 14	563	946·7	1009·6	−1·9	305·4	310·8	23rd	287·3	280·0	4th,5th	296·3	295·4	+2·7	0	0
743a	Khartoum	15 37	32 33	**	966·4	1008·9	−3·4	306·4	312·6	24th	290·4	282·9	4th	298·4	*298·3*	+2·7	0	0
744	Port Sudan	19 37	37 13	5·5	1014·0	1014·6	−0·1	299·9	302·8	14th	293·0	288·2	5th	296·5	*296·4*	+0·3	10	+ 2
745	Berbera, Somaliland	10 26	45 2	13·8	1012·8	1014·5	−0·6	301·4	301·9	Sev. dates	294·4	293·0	8,26,28	297·9	*297·9*	+0·2	7	+ 1
746	Aden	12 49	45 2	29·9	1014·0	1017·5	+1·4	302·5	303·6	5 days	296·3	293·6	20th	299·4	*298·8*	+1·8	5	− 4
751	Bombay	18 54	72 49	11·3	1013·5	1014·9	−0·5	302·8	305·8	6,8,18	292·7	286·9	25th	297·7	296·9	+0·5	0	− 3
752	Kodaikanal	10 14	77 28	2343	772·1	..	−0·1	290·1	291·9	Sev. dates	280·9	279·1	1,2,6	285·5	285·0	+0·6	5	− 68
752a	Bangalore	12 58	77 35	921	913·1	1015·3	−0·1	300·7	303·6	22nd,24th	287·4	285·2	4,6,14	294·1	293·5	+0·8	0	− 7
753	Madras	13 4	80 15	6·7	1014·5	1015·3	−0·3	301·9	303·6	27th	293·7	291·3	23rd	297·8	*297·4*	+0·3	0	− 36
754	Vizagepatam	17 42	83 18	38·4	1011·9	1016·2	−0·1	300·0	301·3	26th	292·2	289·7	3rd	296·1	295·7	+0·1	4	− 8
755	Port Blair	11 40	92 43	18·0	1010·4	1012·4	−1·1	301·9	304·7	25th	298·4	295·8	1st	300·2	*299·8*	+0·3	5	− 37
756	Rangoon	16 46	96 11	5·5	1013·6	1014·3	−0·7	306·6	308·6	27th	292·3	289·1	6th,11th	299·4	*298·3*	+1·6	0	− 5
757	Cap St. Jacques	10 20	107 5	180	..	1012·8	..	300·6	303·3	10th	294·8	293·2	29th	297·7	*297·3*	−0·1	0	− 3
758	Nhatrang	12 15	109 12	3·6	..	1014·3	..	300·2	302·4	21st	294·4	292·1	9th	297·3	*296·9*	+0·1	65	+ 3
759	Iba	15 20	119 58	4·8	..	1011·7	+0·3	305·7	306·6	10th	295·1	292·3	19th	300·4	*299·8*	+1·8	3	− 4
761	Vigan	17 34	120 23	12·2	..	1012·2	−0·2	303·3	306·2	14th	294·7	291·0	8th	299·0	298·6	+0·1	1	− 2
761a	Manila	14 35	120 59	14·2	..	1012·8	+0·6	303·0	305·3	10th	294·1	290·8	6th	298·5	297·7	−0·1	47	+ 23
762	§Ormoc	11 0	124 36	5·6	..	1010·1	+0·2	304·0	305·4	22nd	..	..	..	..	*299·1*	+0·7	227	+ 50
765	Guam, Ladrone Is.	13 24	144 38	18·6	..	1009·7	+0·2	302·3	303·4	28th	296·8	295·6	9th	299·5	*299·4*	+0·3	30	− 35
766	Saipan	15 14	145 46	207	989·0	1009·3	..	300·1	301·2	27th	295·3	293·5	15th	297·7	297·4	..	70	..
		N.	E.															

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

‡See Table of Authorities, Remarks, pages 105-15.

§Change of normals, see Table of Authorities, pages 105-15.

**Height changed from 390 m. to 380 m. from January 15th.

JANUARY - ZONE 8

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1008·0	1008·6	−1·1	..	..	..	..	..	..	..	1300·6	−0·4	94	−168
821	Cristobal	9 23	79 54	11·0	..	1010·9	−0·7	302·2	303·6	28th	297·8	295·2	28th	300·0	299·7	+0·2	53	− 42
822	Bogota	4 36	74 5	2645	745·9	..	+0·5	292·9	295·5	23rd	282·8	279·5	13th	287·9	287·1	+0·7	20	− 38
822a	Merida, Venezuela	8 36	71 9	1641	841·2	..	..	295·7	297·3	9th,24th	286·3	284·4	18th	291·0	290·1	−0·2	34	− 29
823	§Ciudad Bolivar	8 9	63 33	38	1004·8	1009·1	−2·7	304·0	306·1	30th	295·4	293·5	11th	299·7	299·1	+0·5	26	+ 12
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1011·1	−1·6	302·0	303·0	1,4,14	297·0	295·2	27th	299·5	298·9	+0·4	184	− 19
826	Paramaribo	5 49	55 9	3·7	1010·7	1011·1	−1·8	303·4	305·3	30th	295·2	291·2	13th	299·3	299·1	+0·7	177	− 38
826a	Cayenne	4 54	52 21	6	1010·2	1010·9	..	301·5	303·2	3rd	297·9	296·2	18th	299·7	299·0	+0·6	139	−226
831	10°-5° N. 30°-25° W.	††7 36	†† 27 6	§(29)	..	1013·0	+1·0	..	..	Sea Temp. 298·2	−0·5	..	..	..	298·1	−0·5	..	..
833	Konakri	9 31	13 43	12·5	1008·5	1010·0	..	304·2	305·8	16th	295·5	292·8	3rd	299·9	299·3	+0·3	0	− 1
834	Freetown, Sierra Leone	8 29	13 14	55·0	1004·9	1011·2	+1·3	303·7	306·9	16th,29th	296·6	293·6	2nd	300·1	299·4	..	0	− 10
835	Assuantsi	5 18	1 15	97·3	997·6	1008·7	..	303·6	305·2	Sev. dates	293·8	288·6	9th	298·7	298·1	+0·4	77	+ 41
836	Accra	5 33	W. 0 12	17·7	1008·1	1010·2	0·0	304·3	306·3	8th	296·2	291·3	8th	300·2	299·7	+0·3	24	+ 9
837	Lagos	6 27	E. 3 24	1·8	1009·3	1009·7	+0·4	303·7	306·3	19th	296·7	291·9	8th	300·2	299·5	0·0	125	+ 99
838	Victoria, Nigeria	4 1	9 12	15·5	1008·3	1010·1	.	304·8	306·3	28th,29th	293·1	291·3	1,5,9	298·9	298·1	..	45	− 9
839	Yola	9 12	12 30	259	..	..	..	307·7	309·7	16,19,26	293·8	288·6	9th	300·7	300·4	+1·2	0	− 1
841	Barumbu	1 11	23 30	?450	..	..	..	303·4	307·2	27th	291·9	290·2	7th	297·7	297·0	..	156	..
842	Wau	7 42	28 3	440	958·0	1006·5	−2·5	309·6	313·4	24th	292·7	287·5	2nd,7th	301·1	300·2	+1·9	6	+ 5
843	Malakal	9 35	31 37	394	963·6	1007·2	−1·9	309·7	312·8	24th	292·9	286·0	1st	301·3	300·0	+1·7	0	0
843a	Juba	4 53	31 35	475	954·6	1006·8	..	310·4	313·0	16th,17th	292·9	289·5	3rd	301·7	301·0	..	1	..
844	Kampala (Kololo Hill)	0 20	32 36	1312	867·0	1005·6	..	300·6	302·7	15th	290·7	288·0	28th	295·7	294·7	..	85	..
845	Baidoa	3 7	43 39	480	958·5	1011·5	..	308·1	310·4	14th	291·7	290·8	5,12,26	299·9	..	..	9	..
846	Sheikh	9 55	45 15	1463	..	..	..	295·5	296·9	21st	282·3	280·8	21st	288·9	..	..	10	+ 3
851	Minicoy	8 18	73 0	2·7	1012·0	1012·4	−0·9	303·1	303·6	19th	297·6	295·2	1st	300·3	299·9	..	12	− 36
851a	Cochin	9 58	76 14	2·7	1012·5	1012·8	−0·6	303·7	305·8	4 days	296·4	294·1	11th	300·1	299·7	+0·2	0	− 18
852	Colombo Observatory	6 54	79 52	7·3	..	1010·2	−0·5	302·8	305·0	2nd	295·8	292·8	2nd	299·3	298·9	−0·1	167	+ 84
853	Nuwara Eliya	6 58	80 46	1881	813·9	1012·7	0·0	290·5	294·1	26th	284·8	277·4	1st	287·7	286·8	+0·6	645	+504
854	Trincomalee	8 35	81 15	30·2	..	1011·2	−0·4	300·0	301·4	24th	297·1	294·5	8th	298·6	298·2	−0·3	226	+ 71
855	Koetaradja	5 32	95 20	7·1	..	..	..	..	..	..	..	..	..	..	..	..	163	+ 16
856	Medan	3 35	98 41	25·0	..	1010·2	−0·9	302·5	305·0	6th	295·2	292·7	8th	298·9	298·2	+0·4	147	+ 10
857	Butterworth	5 25	100 22	2·1	..	1009·5	..	304·1	305·8	18th,28th	295·8	294·7	7th,10th	299·9	299·5	..	107	..
858	Singapore (Mt. Faber)	1 16	103 49	90·5	..	1009·8	−0·3	302·6	305·2	23rd	295·5	294·7	Sev. dates	299·1	298·1	..	280	..
859	Sandakan	5 50	118 7	55·5	1003·9	1010·3	..	302·7	303·6	1,26,29	296·9	295·8	2nd,8th	299·4	299·4	+0·2	448	− 45
860	Iwahig	9 44	118 38	14·3	..	1009·5	0·0	302·9	305·2	28th	295·4	292·5	6th	299·1	299·2	+0·6	9	− 68
861	Tagbilaran	9 38	123 51	21·3	..	1010·0	−0·1	303·1	305·7	17th	295·5	293·7	24th	299·3	298·4	−0·1	229	+122
861a	Menado	1 30	124 50	8·5	..	1009·3	−0·4	302·9	305·1	17th	295·9	294·6	18th	299·4	298·8	+0·3	566	+101
862	Surigao	9 48	125 29	6·0	..	1010·6	+0·5	301·4	303·3	1,15,25	296·3	294·8	26th	298·9	298·6	+0·1	699	+170
863	Kolonie, Yap	9 29	138 8	29·3	..	1010·8	+1·7	301·6	302·7	6th	297·3	295·5	1st	299·5	299·6	0·0	58	−116
864	Palau	7 20	134 29	31·8	1005·9	1009·6	+0·5	302·1	303·2	27th	297·4	296·1	18th	299·7	299·4	0·0	276	−114
867	Ponape	6 58 N.	158 13 E.	38·9	1003·8	1008·3	..	302·1	303·1	24th	298·1	296·1	5th	300·1	300·1	..	176	..

JANUARY - ZONE 9

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
902	Atafu	8 32	172 31	1·8	..	1008·4	..	301·9	304·1	18th	298·2	295·6	21st	300·1	299·8	..	418	..
920	Lambayeque	6 46	79 55	15	1009·8	1011·5	..	302·7	306·0	25th,26th	293·7	291·5	18th,22nd	298·2	297·3	..	2	..
921	Quito	0 13	78 30	2816	726·9	..	−0·5	292·2	296·1	22nd	282·2	279·4	22nd	287·2	285·7	−0·1	295	+164
923	Senna Madureira	9 4	68 40	135	993·2	1008·6	..	307·2	309·9	4th	295·0	293·0	29th	301·1	299·2	..	292	..
923a	São Gabriel do Rio Negro	0 8	67 5	85	999·4	1009·1	..	304·0	308·1	16th,17th	295·4	294·2	15th	299·7	298·4	..	173	..
924	Manaos	3 8	60 1	43·8	1004·0	1009·0	..	303·4	307·0	15th	295·8	293·7	8th	299·6	299·4	+0·3	234	− 14
925	Parintins	2 38	56 44	18	..	..	..	..	..	..	..	..	..	..	..	..	229	..
926	Taperinha	2 30	54 20	21·5	1006·7	1009·0	−1·8	304·9	306·9	7th	296·4	295·1	28th	300·6	299·7	+1·3	73	−111
927	Turyassu	1 43	45 26	9·1	1008·2	1009·4	−1·0	304·8	307·4	31st	295·4	293·6	14th	300·1	300·2	+1·0	70	−121
928	Barra do Corda	5 30	45 16	81·0	1000·7	1010·0	..	305·5	309·6	6th,7th	295·6	294·1	31st	300·6	299·9	+1·8	200	+ 15
929	§Quixeramobim	5 16	39 15	199	988·6	1011·1	−0·2	305·9	308·5	3rd	298·2	296·0	26th	302·0	301·3	+0·2	97	+ 30
930	Fernando Noronha	3 50	32 25	106	998·8	1010·7	−1·0	301·6	302·9	14th	297·3	294·7	20th	299·4	299·0	+0·2	42	− 15
934	Ascension Island	7 56	W. 14 25	16·8	1010·2	1012·1	−1·2	302·0	303·6	23rd,25th	296·0	294·7	24,25,27	299·0	298·2	0·0	3	− 1
939	Loanda	8 49	E. 13 13	59·3	..	1009·9	−1·1	303·9	306·0	31st	296·6	294·8	25th	300·3	299·4	+1·3	52	+ 23
940	§Brazzaville	4 17	15 16	320	..	..	..	307·6	311·0	..	292·6	291·0	..	300·1	..	+1·0	173	+ 35
942	Tshibinda	2 19	28 45	2115	..	..	..	293·5	297·4	24th	283·9	280·2	4th	288·7	289·2	..	262	..
943	Masaka	0 20	31 44	1280	..	..	..	298·8	301·4	20th	289·6	287·2	3rd,4th	294·2	293·5	..	167	+113
944	Nairobi (Kabete Obs.)	1 16	36 48	1820	819·9	1009·8	..	294·8	296·8	25th	286·0	283·8	1st	290·4	289·7	..	122	..
944a	Zanzibar (Chukwani Palace)	6 15	39 13	21	1007·6	1010·0	..	303·7	305·2	29th	297·8	296·7	4th	300·7	299·8	..	104	..
945	Afmadu	0 30	42 4	?	..	..	..	307·7	310·0	28th	296·1	294·0	8th,21st	301·9	..	..	20	..
947	Seychelles, Port Office	4 37	55 27	4·6	1010·1	1010·6	−0·7	301·7	303·0	21st	296·3	295·2	2nd	299·0	298·3	−0·5	541	+106
957	Padang	0 56	100 22	6·7	..	1009·7	−1·2	303·0	306·6	30th	296·3	294·9	8th	299·7	299·1	−0·2	647	+296
958	Batavia	6 11	106 50	8·0	1008·6	1009·5	−0·3	303·4	305·4	25th	296·8	295·2	5th	300·1	299·6	+0·9	83	−248
958a	Pontianak	0 1	109 20	2·6	..	1010·4	+0·1	304·3	306·1	24th	297·1	295·7	5th	300·7	299·9	+0·8	291	+ 9
959	Pasoeroean	7 38	112 55	5·0	..	1008·9	−0·2	304·3	305·5	15th	297·2	296·0	4th	300·7	300·4	+0·9	186	− 69
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	262	−216
962	Amboina	3 42	128 10	4·2	..	1008·5	−0·1	304·7	307·3	22nd	297·8	296·3	1st	301·3	300·7	+0·7	127	0
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	328	+ 41
965	Daru	9 4	143 13	7·6	..	..	..	304·9	..	..	297·2	..	..	301·1	300·6	+0·5	173	−130
966	Port Moresby	9 29	147 9	38·4	..	1008·4	+0·2	305·3	..	..	297·9	..	..	301·6	301·1	+0·5	82	−101
967	Rabaul	4 9	152 12	12·5	1005·7	1007·1	−0·1	304·0	307·6	18th	293·9	294·5	2nd,5th	300·0	299·5	−0·4	742	+390
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	‡304·1	‡305·2	15th	298·1	295·8	7th,9th	‡301·1	‡300·9	+0·2	479	+ 95
970	Ocean Island	0 52	169 35	42·6	1003·0	1008·0	−1·1	304·4	306·3	2,15,27	298·7	297·4	1st	301·6	301·0	+0·8	367	+ 64
972	Funafuti, Ellice Is.	8 30	179 13	2·4	1005·6	1005·9	..	304·6	309·1	18th	298·0	293·6	7th	301·3	300·9	..	547	..

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

§Number of observations.

†Estimates not based on at least six equally spaced observations each day are in italics.

§Change of normals, see Table of Authorities, pages 105-15.

††Mean latitude and longitude of the observations.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

JANUARY - ZONE 10

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1001	Vavau	18 39	173 59	9·1	1006·8	1007·8	..	302·6	304·4	15th	296·7	295·2	29th,31st	299·7	299·3	..	347	..
1002	Apia, Samoa	13 48	171 46	2·0	..	1006·7	−0·9	302·5	304·8	31st	296·9	294·7	21st	299·7	299·4	−0·3	584	+151
1003	Alofi, Niue Is.	19 2	169 55	19·8	..	1009·4	+0·2	303·5	305·2	14,23,27	296·1	293·6	19th	299·8	299·6	+0·1	192	− 73
1004	Pukapuka, Danger Is.	10 53	165 54	2·1	..	..	..	305·1	306·3	9th,13th	297·3	296·3	16th,19th	301·2	300·7	..	233	..
1005	Aitutaki, Cook Is.	18 53	159 46	3·0	..	..	..	303·9	307·4	11,12,30	296·6	293·6	21st	300·2	299·7	..	..	..
1007	Papeete (Hamuta)	17 32	149 33	5·0	1008·4	1008·9	..	303·6	306·6	29th	296·0	294·4	15th	299·8	299·3	..	225	..
1021	Lima	12 5	77 3	111	998·3	1011·2	..	300·4	302·8	14th	290·9	289·5	19th	295·7	294·5	..	1	..
1022	Arica	18 28	70 20	29	1009·0	1012·4	..	299·0	300·5	23rd	289·6	287·0	17th	294·3	294·2	+0·2	0	− 1
1024	La Paz, Bolivia	16 30	68 8	13658	657·1	..	−0·4	290·6	296·0	16th	278·8	277·6	5th	284·7	283·6	+0·1	149	+ 30
1025	§Corumba	18 59	57 39	116	992·8	1005·9	−1·7	304·5	308·0	11th,26th	295·9	294·4	11th	300·2	299·2	−0·5	133	− 80
1026	Cuyaba	15 36	56 6	165	988·7	1007·4	−1·0	304·5	307·5	29th	295·6	294·8	14th	300·0	298·7	−0·2	256	+ 15
1027	Bello Horizonte	19 56	43 57	895	910·6	1009·5	−2·6	300·0	306·9	31st	291·6	290·4	27th	295·8	294·9	+0·1	504	+156
1028	Caetite	14 3	42 37	897	914·6	1012·8	+0·3	301·0	305·3	20th	290·5	289·1	27th	295·8	295·1	−1·1	189	+ 52
1029	§Ondina (Bahia)	13 0	38 31	64	1004·2	1011·5	−0·3	303·1	304·5	7th	296·0	294·8	21st	299·6	299·2	0·0	45	− 30
1030	§Aracaju	10 55	37 3	6·1	1009·9	1010·7	−2·5	302·7	304·2	24th	296·9	294·7	21st	299·8	299·6	+0·3	7	− 19
1035	§St. Helena	15 57	W. 5 40	604	945·4	1014·3	−1·0	293·0	295·2	28th	288·4	286·3	17th	290·7	290·5	+0·3	49	− 3
1039	Mossamedes	15 12	E. 12 9	12·5	1010·2	1011·7	..	299·0	303·2	10th	291·0	288·7	6th	295·0	..	..	31	+ 26
1041	Livingstone	17 50	25 49	972	903·7	1008·9	..	301·8	304·9	16th	291·4	288·8	29th	296·6	..	−1·7	198	+ 5
1041a	Elisabethville	11 40	27 29	1230	873·9	1005·3	−1·8	300·4	303·4	8th,11th	288·1	287·3	21st	294·2	..	−0·9	225	− 7
1042	Gwelo	19 26	29 45	1411	860·2	1010·6	..	297·4	301·3	13th,14th	288·6	284·1	28th	293·0	..	−1·5	238	+ 93
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	850·9	1009·0	−0·6	297·6	300·6	13th	288·7	285·2	27th	293·1	292·2	−0·8	259	+ 73
1044	Zomba	15 23	35 18	955	903·7	1007·2	+0·1	298·9	303·0	5th,17th	291·2	289·7	25,28,30	295·1	294·5	−0·6	276	− 6
1045	Mossuril	14 57	40 40	15	..	1009·2	−0·6	305·3	309·8	4th	297·3	295·2	1st	301·3	300·9	+0·4	153	− 62
1046	Antananarivo	18 55	47 33	1375	862·3	1009·1	−0·5	299·4	301·2	10th	290·2	288·3	16th	294·8	293·0	0·0	309	+ 10
1046a	Tamatave	18 9	49 22	7	..	1011·8	..	304·2	307·0	4th	296·6	294·9	19th	300·4	299·9	..	505	..
1047	Vohemar	13 24	50 2	2	..	1010·6	..	..	..	..	..	..	..	..	..	..	241	..
1048	Antalaha	14 53	50 15	4	..	1011·1	..	304·5	306·5	9,11,28	295·7	295·0	13th	300·1	299·5	..	349	..
1055	Cocos, Keeling Is.	12 5	96 53	4·6	..	..	..	303·1	304·6	4th	298·4	296·7	28th	300·8	300·4	+0·6	290	+150
1057	Christmas Island	10 25	105 43	5·5	1007·3	1008·0	+0·2	304·2	305·8	4th	297·8	296·9	12,20,26	301·0	300·6	+0·6	104	−115
1061	Koepang	10 10	123 34	45·1	..	1008·3	−0·4	305·2	308·0	20th	297·3	296·0	7th	301·3	300·8	+1·2	138	−250
1061a	Derby	17 18	123 40	16·2	1005·5	1007·3	+0·4	310·0	316·2	11th	300·3	296·4	5th	305·2	..	+1·8	43	−138
1062	Hall's Creek	18 13	127 46	373	965·3	1005·6	−0·7	312·7	315·8	11th	297·1	292·4	4th,6th	304·9	304·4	+1·7	20	−128
1063	Darwin	12 28	130 51	29·6	1004·7	1007·9	+2·1	306·9	308·3	17th	298·8	294·7	3rd	302·8	301·8	+1·0	156	−240
1064	Daly Waters	16 16	133 23	211	981·8	1004·7	−0·3	313·3	316·3	11th,12th	297·8	294·1	28th	305·6	305·1	+2·2	43	−119
1065	Palmerville	15 56	144 8	210	983·0	1006·3	+0·5	307·2	309·4	7th	296·1	294·1	17th	301·7	..	+0·6	257	− 20
1066	Georgetown, Queensland	18 22	143 32	302	974·0	1007·3	+0·6	308·1	312·2	14th	295·7	293·6	6th	301·9	..	+0·6	263	+ 54
1066a	Willis Island	16 18	149 59	8·5	1006·4	1007·4	+0·9	303·2	304·4	15th	298·7	297·4	10th	300·9	301·1	0·0	12	−154
1067	Samarai	10 37	150 40	6·1	..	1008·5	+0·8	306·4	..	..	296·8	..	..	301·6	301·4	+0·8	81	− 87
1070	Vila, New Hebrides	17 44	168 19	57·0	1001·0	1007·5	..	301·3	303·0	3rd	293·3	290·0	13th	297·3	296·8	..	216	..
1071	Rotuma, Fiji	12 30	177 0	27·4	1003·2	1006·3	..	303·5	305·2	18th	297·0	295·8	1,19,30	300·3	300·1	..	301	..
1072	Suva, Fiji	18 8	178 26	3·7	1006·7	1007·1	−0·3	304·2	308·6	10th	296·9	295·2	19th	300·5	300·3	+0·9	123	−167

BETWEEN LATITUDE 20° S. AND 30° S.

JANUARY - ZONE 11 (AMERICA, AFRICA)

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1101	Nukualofa, Tonga	21 8	175 12	3·0	1008·6	1009·0	..	302·7	305·2	11th	293·8	289·7	1st	298·3	297·7	..	88	..
1105	Rarotonga (Avarua)	21 12	159 46	6·1	..	..	..	302·1	304·1	14th,22nd	294·3	291·3	23rd	298·2	298·0	−0·6	499	+257
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1011·2	1014·0	−0·1	293·4	296·6	27th	288·8	286·5	5th	291·1	291·0	+0·1	0	0
1122	Antofagasta	23 42	70 24	94	1002·3	1013·3	−1·0	296·2	298·5	27th	290·1	287·5	4th	293·1	293·1	−0·8	0	0
1123	Catamarca	28 29	65 47	528	946·5	1004·3	−2·1	308·0	315·0	21st	292·6	285·5	2nd	300·3	300·2	+0·4	47	− 26
1124	Salta	24 46	65 24	1173	879·8	1005·6	−1·5	300·8	306·2	30th	288·9	285·7	11th	294·8	294·4	−0·7	215	+ 43
1125	Goya	29 9	59 15	37	1004·5	1008·7	−0·2	307·2	312·5	1st	293·5	287·0	6th	300·4	300·9	+2·2	110	− 5
1126	Asuncion	25 17	57 41	139	994·8	1010·4	+2·1	309·2	313·0	30th	296·4	290·8	7th	302·8	301·9	+1·7	112	− 38
1127	Curityba	25 25	49 17	908	911·5	1011·5	−0·1	299·0	304·8	29th	288·6	284·0	26th	293·8	292·6	−0·7	53	−118
1128	Rio de Janeiro	22 54	W. 43 10	18·3	1009·0	1011·1	−0·1	299·4	307·9	30th	295·3	292·8	10th	297·4	297·5	−0·9	81	− 45
1139	Windhoek	22 34	E. 17 6	1727	828·7	1005·9	..	303·9	306·7	29th	290·4	286·6	1st	297·1	296·8	+0·4	17	− 63
1140	§O'Okiep	29 36	17 52	933	908·7	1010·0	+0·8	304·4	310·8	26th	289·1	281·3	19th	296·7	296·4	+1·1	0	− 5
1141	Kimberley	28 44	24 46	1218	877·5	1006·1	−0·4	306·3	311·1	10th	291·6	287·7	3rd	298·9	298·8	+1·4	24	− 37
1141a	Johannesburg	26 11	28 4	1806	822·1	1010·2	−0·4	299·7	305·3	28th	286·2	281·2	24th	292·9	292·4	+0·6	60	− 97
1142	Bulawayo	20 9	28 35	1349	865·4	1009·9	0·0	298·1	302·8	7th	288·8	283·6	28th	293·4	292·4	−1·5	118	− 30
1143	Durban	29 52	31 3	15·2	1011·3	1013·1	−1·6	300·7	303·6	12th	294·1	289·7	8th	297·4	297·0	+0·1	77	− 39
1144	Lourenço Marques	25 58	32 36	59·5	..	1012·3	−0·7	303·3	311·5	12th	294·0	291·5	2nd	298·6	298·1	−0·2	195	+ 64
1145	Tulear	23 20	43 40	6	..	1009·8	..	304·3	307·2	19th	294·6	292·0	6,10,11	299·5	..	..	338	..
1146	Fort Dauphin	25 1	46 58	14	..	1012·0	..	300·9	304·5	14th	296·1	293·5	10th	298·5	298·1	..	380	..
1147	Mauritius	20 6	57 33	55·2	1006·0	1012·3	+0·6	303·6	306·9	8th	295·8	292·7	1st	299·7	299·3	+0·3	132	− 75

*For Formulae

RÉSEAU MONDIAL

JANUARY - ZONE 11 (AUSTRALIA)

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1006·2	1006·7	+1·0	308·8	317·7	2nd	295·7	290·9	19th	302·2	..	−0·6	0	−23
1160	Cue	27 27	117 52	454	959·3	1008·8	+1·3	309·8	313·8	20th	295·2	287·4	17th	302·4	..	−0·8	2	−24
1161	Nullagine	21 53	120 5	386	964·2	1005·7	+0·5	313·3	316·3	15th	295·6	291·3	9th	304·4	..	−0·3	29	−47
1162	Laverton	28 40	122 23	466	958·4	1009·6	0·0	308·7	314·7	7th	292·5	288·6	10th	300·6	*300·3*	−0·5	7	−15
1163	Alice Springs	23 38	133 35	579	943·5	1005·9	0·0	309·0	314·7	10th	294·0	286·3	7th	301·5	*301·5*	+0·1	5	−39
1164a	Boulia	22 55	139 38	146	988·8	1004·7	−0·2	307·0	315·3	3rd	291·2	286·9	15th	299·1	*298·7*	−2·0	3	−10
1165	Thargomindah	27 58	143 43	123	992·2	1005·8	−1·4	312·8	318·3	10th	295·6	290·9	8th	304·2	*304·2*	+0·1	4	−40
1166	Mitchell	26 32	147 52	336	968·9	1005·8	−2·1	310·4	317·4	11th	295·2	289·8	6th	302·8	*302·4*	+0·1	2	−33
					969·4	1005·8	−2·1	309·4	314·8	11th	292·8	286·1	31st	301·1	..	+1·7	24	−52
1167	Rockhampton	23 24	150 30	11·3	1006·7	1008·1	−1·1	306·3	312·6	12th	295·8	293·6	30th	301·0	*300·3*	+1·1	316	+97
1168	Brisbane	27 28	153 2	41·8	1005·5	1009·9	−1·6	302·9	307·6	16th	293·8	291·3	8th	298·4	*297·8*	+0·3	254	+90
1170	Norfolk Island	29 4	167 59	14·9	1012·4	1014·2	+1·0	299·4	301·9	11th	292·9	289·1	4th	296·2	*295·8*	+1·3	16	−76
		S.	E.															

JANUARY - ZONE 12

BETWEEN LATITUDE 30° S. AND 40° S.

1221	Juan Fernandez	33 37	78 52	6	1017·0	1017·7	−0·3	294·7	298·5	23rd	287·8	285·8	16th	291·3	*291·2*	−0·5	15	− 8
1221a	Punta Tumbes	36 37	73 6	120	999·5	1013·8	−0·1	290·7	292·6	24th	285·4	284·0	1st, 8th	288·1	*288·0*	−0·1	43	+35
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1008·4	1013·2	−0·8	295·6	301·4	20th	287·0	284·9	9th	291·3	*291·2*	+0·3	42	+40
1222a	Santiago	33 27	70 42	520	952·8	1011·6	−0·1	300·4	304·7	23rd	286·2	283·2	5th, 7th	293·3	*293·2*	+0·3	41	+40
1223	Cordoba	31 25	64 12	423	960·4	1007·5	−1·4	305·6	313·7	26th	291·1	285·7	16th	298·4	298·0	+1·8	105	− 2
1224	Bahia Blanca	38 45	62 16	28·7	..	..	..	..	..	..	..	..	..	..	..	..	18	−33
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1008·1	1011·0	−0·5	301·9	309·5	20th	290·4	282·9	2nd	296·2	295·9	−0·2	82	+ 3
1226	Montevideo (Prado)	34 52	56 12	24·9	..	1012·7	+1·0	301·1	310·5	14th	289·3	281·7	3rd	295·2	294·9	−0·4	37	−34
1226a	Porto Alegre	30 2	W. 51 13	23·5	1007·8	1010·5	−0·8	303·6	309·6	28th	292·6	287·7	4th, 5th	298·1	297·7	+0·3	112	+ 6
1239	Cape Town	33 56	E. 18 29	12·2	..	1013·0	0·0	299·6	302·9	5th	289·1	285·8	6th	294·3	*292·9*	+0·2	17	0
1240	Klaver	31 47	18 37	41·8	1008·6	1013·4	−1·2	304·7	316·2	26th	288·6	284·9	14th	296·6	..	−0·5	1	− 1
1241	Riversdale	34 6	21 16	105	..	..	..	..	316·8	30th	..	289·1	27th	..	..	..	1	−28
1242	gEast London	33 1	27 54	45·4	1007·9	1013·2	+0·8	298·2	300·9	28th	290·1	285·1	7th	294·1	..	0·0	14	−47
1259	Perth (Observatory)	31 57	115 51	60·0	1005·3	1012·4	−0·3	302·1	312·2	30th	291·3	286·8	18th	296·7	296·2	+0·5	14	+ 5
1260	Katanning	33 42	117 35	310	977·6	1012·9	−0·5	303·3	311·3	6th	286·3	281·7	4th	294·8	..	+0·1	27	+18
1261	Coolgardie	30 57	121 10	423	964·4	1011·6	+0·3	305·6	312·3	7th	288·6	283·0	10th	297·1	*296·8*	−1·0	3	− 8
1262	Eucla	31 45	128 58	4·6	1012·5	1013·1	−0·2	297·8	314·1	2nd	289·1	284·7	23rd	293·4	*292·7*	−0·9	6	− 9
1263	Streaky Bay	32 48	134 13	13·1	1011·7	1013·1	−0·3	299·2	313·6	9th	288·7	282·4	14th	293·9	*293·1*	−1·2	6	− 4
1264	Adelaide	34 56	138 35	42·7	1007·0	1011·9	−1·1	299·8	312·5	3rd	288·7	282·8	15th	294·2	*293·6*	−2·0	57	+39
1265	gMelbourne	37 49	144 58	35·1	1007·3	1011·2	−1·7	297·6	308·7	10th	286·4	281·2	18th	292·0	*291·6*	−0·4	44	− 5
1266	Bourke	30 13	145 58	110	996·6	1008·8	−2·2	310·7	318·6	10th	293·1	286·3	17th	301·9	..	−0·4	10	−25
1267	gSydney	33 51	151 13	42·1	1004·7	1009·7	−2·6	297·6	311·6	11th	291·4	285·8	31st	294·5	293·9	−0·7	164	+74
1268	Lord Howe Island	31 20	159 0	4·9	1010·4	1010·9	−2·4	298·6	301·9	13th	292·7	287·0	20th	295·6	..	+0·2	125	− 2
1271	Auckland	36 51	174 48	40·8	..	1012·9	−0·7	296·7	299·4	17th	289·3	286·3	9th	293·0	..	+0·8	38	−28
1272	Napier	39 29	176 55	1·5	..	..	..	296·1	302·4	18th	288·4	281·9	5th, 24th	292·2	..	+0·3	22	−55
		S.	E.															

JANUARY - ZONE 13

BETWEEN LATITUDE 40° S. AND 50° S.

1301	Chatham Island	43 57	175 31	45·7	1004·9	1010·3	−0·1	..	..	..	..	..	..	..	..	..	89	+26
1321	Isla Guafo	43 34	74 45	140	996·3	1013·1	−2·5	287·2	291·0	7th	283·3	280·5	27th	285·3	*285·1*	0·0	97	+35
1322	Punta Galera	40 1	73 44	40	1009·8	1014·6	−1·2	289·6	296·6	2nd	284·2	281·0	1st	286·9	*286·8*	0·0	120	+52
1323	Sarmiento	45 33	69 1	272	975·5	1007·1	−1·0	296·5	304·7	7th	283·5	280·5	31st	290·0	289·6	−1·4	18	+14
1324	Puerto Madryn	42 46	W. 65 2	14	1007·4	1009·1	+0·5	298·7	304·8	21st	286·5	281·7	3rd	292·6	292·3	−0·7	15	+ 2
1365	Launceston	41 27	E. 147 10	81·1	1000·9	1010·3	−0·7	295·7	300·0	6th	282·1	277·4	16th, 31st	288·9	*287·8*	−1·5	18	..
1366	gHobart	42 53	147 20	53·9	1003·5	1009·9	−0·2	292·2	300·3	7th	283·6	279·7	31st	287·9	*286·8*	−1·8	55	+ 8
1369	Invercargill	46 25	168 21	3·7	..	..	..	292·0	302·7	13th	283·6	277·4	7th	287·8	..	+0·6	51	−49
1370	Alexandra	45 15	169 24	159	..	..	..	296·6	304·7	11th	284·2	277·7	3rd	290·4	289·9	..	26	..
1371	Dunedin	45 52	170 31	6·1	..	1008·9	−2·1	293·0	302·7	17th	284·2	278·3	11th	288·6	..	+1·1	73	−13
1371a	Christchurch	43 32	172 39	7·6	..	1009·0	−1·6	294·5	303·4	30th	284·9	279·8	24th	289·7	..	+0·3	55	0
1372	Wellington	41 16	174 46	127	995·4	1010·4	−1·9	294·0	300·8	16th	286·2	280·8	24th	290·1	289·2	+0·2	53	−32
		S.	E.															

JANUARY - ZONE 14

BETWEEN LATITUDE 50° S. AND 60° S.

1421	Islota de los Evangelistas	52 24	75 6	55	997·6	1004·2	+1·8	285·1	289·6	6th	281·4	278·2	1st	283·3	283·6	+2·2	218	−59
1422	Magallanes	53 10	70 54	8	1001·4	1002·4	+2·1	287·9	293·6	7th	280·0	276·4	30th	283·9	*283·9*	−0·2	41	+ 7
1423	Punta Dungeness	52 24	68 26	5	1000·7	1001 3	+1·5	288·2	294·5	7th	281·0	278·6	30th	284·6	*284·3*	+0·1	24	− 3
1424	Santa Cruz	50 1	68 31	13	1003·7	1005·3	+1·5	295·1	305·4	7th	282·6	276·6	30th	288·8	288·4	+0·6	2	−13
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1001·1	+1·5	285·7	294·1	8th	277·1	273·0	1st, 4th	281·4	..	−1·1	52	−18
1426	Cape Pembroke	51 41	57 42	21·3	997·6	1000·2	+0·5	284·5	289·1	13th	278·7	275·8	1, 4, 30	281·6	281·7	−0·8	..	..
1429	S. Georgia (Cumberland Bay)	54 16	36 30	4	995·1	995·6	+1·8	279·9	287·0	14th	274·3	271·0	31st	277·1	*276·7*	−1·2	60	−22
		S.	W.															

JANUARY - ZONE 15

BETWEEN LATITUDE 60° S. AND 70° S.

1527	South Orkneys	60 43	44 47	7	997·3	998·2	+6·9	274·3	277·8	13th	271·9	267·8	30th, 31st	273·1	272·9	−0·3	25	−10
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

gChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE
FOR THE MONTH OF FEBRUARY 1933
BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 90° N. AND 80° N.

FEBRUARY - ZONE 0

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
047	Calm Bay	80 20	52 48	5·9	1020·4	1021·2	..	..	272·2	..	..	238·1	..	..	*259·2*	..	3	..

BETWEEN LATITUDE 80° N. AND 70° N.

FEBRUARY - ZONE 1

101	Wrangel Insel	70 58	178 33	3·0	1027·9	1028·3	+ 6·4	251·9	267·5	..	243·6	231·4	..	247·7	*247·7*	+0.2	7	+ 1
105	Barrow	71 23	156 17	4·6	..	1025·0	+ 5·9	247·8	267·4	12th, 13th	241·9	231·9	2nd, 27th	244·8	..	−0·5	7	+ 2
121	Pond Inlet	72 43	78 30	4·0	..	1014·5	..	245·8	269·7	17th	238·7	225·8	6th	242·3	*242·3*	+4·1	..	..
125	Upernivik	72 47	56 7	19·2	1011·1	1013·6	+ 4·8	262·8	277·9	17th, 23rd	253·5	240·5	4th	258·1	*257·6*	+7·5	8	− 5
131	Myggbukta	73 29	21 34	3·2	..	1018·2	..	..	272·7	25th	249·9	228·5	9th	..	*254·7*	..	3	..
132	Scoresbysund	70 29	21 58	16·9	1016·7	1018·9	+10·8	262·1	270·3	10th	253·5	238·7	9th	*257·8*	*258·4*	−0·4	..	..
135	Jan Mayen	70 59	W. 8 18	23·1	1009·0	1011·9	+ 8·8	..	274·2	1st	265·4	256·7	10th	..	*268·1*	−2·1	24	− 20
139	Svalbard Radio	78 13	E. 15 38	53·0	1007·8	1014·7	+ 8·3	..	272·6	13th	261·5	252·7	6th	..	*263·6*	..	9	..
140	Björnöen	74 28	19 17	29·2	1003·4	1007·1	+ 2·9	..	272·9	3rd	265·4	256·6	9th	..	*267·9*	+0·9	39	− 4
141	Ingöy	71 4	24 9	4·3	1003·5	1004·0	− 1·6	..	276·0	3rd	268·0	258·4	23rd	..	*270·3*	−0·6	55	0
142	Sletnes	71 5	28 14	10·2	1004·7	1006·0	+ 3·4	..	273·5	11th	264·8	256·0	22nd	..	*267·8*	..	57	..
143	Vardö	70 22	31 6	12·1	1006·2	1007·8	+ 1·9	..	274·8	3rd	264·7	255·9	22nd	..	*267·5*	+0·5	30	− 37
147	Malye Karmakouly	72 23	52 44	15·3	1016·8	1018·8	+ 9·5	..	269·9	..	..	246·2	..	..	*257·7*	+0·1	0	− 14
148	Vaigatch	70 24	58 48	11·2	1021·1	1022·6	+10·8	258·9	267·5	..	251·5	241·1	..	255·2	*254·8*	−1·4	1	− 5
149	Russian Harbour	76 14	62 39	9·3	1020·8	1022·0	..	..	271·4	..	..	244·8	..	..	*258·1*	..	0	..
150	Cape of Desire (Zhelanya)	76 57	68 34	8·0	1022·8	1023·9	..	..	270·5	..	..	245·4	..	..	*257·3*	..	1	..
153	Dikson	73 30	80 23	13·0	1028·6	1030·4	+16·8	253·6	268·0	..	246·7	238·3	..	250·1	*250·3*	+1·7	1	− 3
162	Bulun	70 45	127 47	35	1030·2	1035·4	+ 9·3	..	260·4	..	..	216·2	..	..	*239·7*	+1·8	..	..
165	Great Liakhov Is. (Cape Shalaurov)	73 11	143 14	7	1032·3	1033·3	..	..	259·2	..	..	228·8	..	..	*241·8*	..	1	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N.

FEBRUARY - ZONE 2

201	Cape Otto Schmidt	68 55	179 30	7·0	..	..	..	..	261·4	..	240·2	229·7	..	..	*244·6*	..	23	..
202	Savoonga	63 43	170 20	5·5	..	..	..	?261·4	?274·7	10th	249·7	235·2	20th	?255·6	..	..	11	..
203	Nome	64 30	165 24	6·7	1017·6	1018·3	+ 7·9	260·4	276·9	9th	252·8	239·7	21st	256·6	*257·3*	−1·7	12	− 12
204	Bethel	60 45	161 47	11·6	..	1014·5	+ 9·2	263·1	278·6	9th	255·7	240·8	22nd	259·4	..	+0·6	17	+ 3
205	Tanana	65 10	152 6	69·5	1011·8	1021·0	+ 8·4	254·4	266·9	9th, 10th	243·3	226·3	27th	248·9	*249·6*	−3·8	11	− 8
206	Rampart	65 30	150 15	114	..	..	..	254·4	269·1	11th	245·6	227·4	27th	250·0	..	−1·1	10	− 8
206a	Holy Cross	62 16	159 50	15·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
207	Cordova	61 31	145 36	13·1	..	1006·8	+ 3·7	274·2	278·0	8, 9, 14	263·7	250·2	1st	268·9	..	−3·2	86	−197
208	Fairbanks	64 51	147 39	138	1000·7	1020·0	..	257·6	270·8	8th	245·4	228·0	23rd	251·5	*253·2*	−3.5	17	+ 5
209	Dawson	64 4	139 29	324	981·4	1026·4	..	250·4	262·4	12th	240·8	225·2	1st	245·6	*246·1*	−3·1	12	− 6
210	Aklavik	68 14	134 50	7·6	1024·0	1025·1	..	248·0	266·3	12th	240·4	228·6	2nd	244·2	*244·2*	..	15	..
211	Fort Good Hope	66 15	128 38	65·2	1019·5	1029·0	..	249·9	263·0	12th	239·7	229·1	6th	244·8	*245·1*	−3·9	16	− 3
212	Fort Simpson	61 52	121 15	126	1005·6	1023·5	..	249·9	263·0	12th	238·6	227·4	6th	243·7	*243·8*	−5·4	35	+ 21
213	Hay River	60 51	115 57	161	998·6	1021·3	..	248·7	258·0	12th	238·6	227·4	6th	243·7	*243·8*	−5·4	35	+ 21
214	Coppermine	67 49	115 10	4·6	1018·8	1019·4	..	243·8	255·2	8th, 11th	237·9	231·9	7th, 22nd	240·9	*240·8*	..	7	..
218	Chesterfield	63 45	91 50	4·0	1008·0	1008·6	..	243·9	255·8	25th	236·3	226·9	17th	240·2	*240·1*	−0·7	8	..
221	Nottingham Island	63 7	77 56	16·5	1006·8	1009·0	..	250·2	264·1	21st, 28th	243·8	235·8	17th	247·0	*247·2*	..	10	..
223	Hope's Advance	61 5	69 33	73·2	996·8	1006·8	..	254·8	269·7	27th, 28th	246·6	234·7	18th	250·7	*250·9*	..	17	..
224	Resolution Island	61 18	64 53	38·7	1000·2	1005·4	..	259·8	273·6	28th	252·3	241·9	10th	256·1	*256·4*	..	40	..
225	Jacobshavn	69 13	51 2	31·6	1006·8	1010·9	+ 4·5	267·2	281·3	23rd	259·0	243·9	3rd	263·1	*263·5*	+9·7	5	− 2
226	Godthaab	64 10	51 43	20	..	..	..	270·8	276·8	23rd	262·9	257·1	4th	266·9	*268·2*	+5·3	0	− 46
227	Ivigtut	61 12	48 10	30·0	1007·2	1011·0	+10·3	272·7	285·0	22nd	265·1	259·1	3rd	268·9	*269·2*	+3·6	188	+119
229	Angmagsalik	65 36	37 33	29·3	1014·3	1018·2	+16·4	266·4	272·0	9th, 13th	259·1	252·8	1st	262·7	*262·8*	−1·1	..	..
231	Stykkisholm	65 5	22 46	25	..	1016·8	+16·0	272·9	280·0	10th, 14th	268·0	263·1	17th	270·5	*270·3*	0·0	82	+ 17
232	Vestmanno	63 24	20 17	122	..	1015·8	+15·9	274·8	280·0	11th, 14th	269·5	266·0	5, 10, 22	272·1	*272·5*	−1·1	47	− 76
233	Grimsey	66 33	18 1	22	..	1016·0	+13·4	272·0	277·4	10th	267·8	263·2	9th	269·9	*269·9*	−0·2	..	..
233a	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	31	..
234	Teigarnorn	64 41	14 22	18	..	1015·0	+12·8	273·3	283·1	11th	268·3	263·1	10th	270·8	*270·8*	−1·0	34	− 66
235	Höjvig	62 3	6 45	22·9	1008·7	1011·5	+ 6·1	277·3	282·0	8th	272·2	267·4	3rd	274·7	*275·3*	−1·2	172	+ 38
236	Lerwick	60 9	W. 1 8	48·8	..	1009·5	+ 2·2	277·3	281·9	8th	274·1	270·2	22nd, 23rd	275·7	*275·8*	−1·4	89	+ 9
237	Bergen, Fredriksberg	60 24	E. 5 19	44·4	1003·8	1009·4	− 0·7	276·3	281·4	9th	271·2	266·2	19th	273·7	*273·9*	−1·0	206	+ 73
238	Ona	62 52	6 33	14·6	1005·8	1007·6	0·0	..	281·1	1st	271·7	265·9	19th	..	*273·8*	−1·5	148	+ 59
239	Trondheim	63 26	10 25	59·2	1000·5	1008·0	− 0·2	272·2	280·4	9th	265·8	256·1	16th	269·0	*269·3*	−1·4	86	+ 18
240	Bodo	67 17	14 26	17·0	1003·6	1005·7	+ 0·1	..	279·2	9th	266·0	258·5	21st	..	*268·4*	−2·2	63	− 6
241	Haparanda	65 50	24 9	9·2	1009·5	1010·7	+ 1·7	263·8	273·5	2nd	256·4	244·0	20th	260·1	*260·3*	−1·0	53	+ 25
242	Helsingfors	60 10	24 57	11·7	1010·4	1011·9	− 0·7	268·9	275·1	10th	263·9	254·1	20th	266·4	*266·7*	+0 4	44	+ 7
242a	Kuopio	62 55	27 40	233	982·0	1012·3	− 0·3	263·8	273·0	3rd	259·1	250·0	22nd	261·5	*261·6*	−1·7	49	+ 14
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

FEBRUARY - ZONE 2 cont.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 70° N. AND 60° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
243	Kola	68 53	33 1	6·7	1009·8	1010·7	+ 3·0	263·4	273·0	7th	255·2	241·2	26th	259·3	*259·6*	−1·8	17	+ 1
244	Petrozavodsk	61 47	34 23	79·0	..	..	..	264·5	274·0	3rd	258·2	246·4	19th	261·4	*261·4*	−1·8	34	+ 7
245	Arkhangelsk	64 34	40 31	6·3	1016·2	1017·0	+ 6·1	262·8	271·1	5th	257·4	246·4	23rd	260·6	*260·1*	−0·2	15	− 3
246	Mezen	65 50	44 16	17·4	1016·0	1018·2	+ 7·3	261·3	269·3	5th	255·0	240·5	23rd	258·2	*258·4*	−0·8	3	− 6
247	Oust-Tsylma	65 25	52 18	73·8	1014·0	1024·1	+12·0	258·6	265·6	6th	252·4	240·5	24th	255·5	*255·3*	−2·2	5	− 10
248	Tcherdyn	60 24	56 31	208	1002·4	1030·6	+12·7	258·2	264·0	18th	251·5	240·1	2nd	254·8	*254·7*	−4·0	9	− 17
249	Berezov	63 56	65 4	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249a	Yugor Strait	69 49	60 45	13·0	1022·1	1023·9	+12·0	256·2	265·3	..	247·5	236·6	..	251·9	*252·0*	−2·4	1	− 4
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	..	..	..	..	..	..	..	..	..	..	..	..	..	..
253	Doudinka	69 23	86 4	?20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Viliouisk	63 45	121 35	120	1015·6	1033·4	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	108	1014·8	1030·8	+ 4·1	239·9	248·9	20th	230·7	219·7	9th	..	*236·3*	−5·7	3	− 5
263	Verkhoiansk	67 33	133 24	100	1015·8	1031·3	+ 9·1	..	..	..	220·0	207·5	6th	..	*224·7*	−4·0	6	+ 3
264	Petropavlovskoe	60 25	134 28	?163	1004·0	1028·4	..	..	..	..	228·0	213·7	4th	..	*234·4*	..	4	..
268	Naiakhan	61 55	158 59	29·0	1013·1	1017·0	..	..	..	..	251·8	241·4	2nd	..	*255·2*	..	34	..
271	Novo Mariinskii Post	64 45	177 33	17·2	1021·5	1023·8	+ 6·7	254·6	275·7	11th	246·0	231·1	7th	250·3	*250·8*	−0·5	4	− 2

FEBRUARY - ZONE 3

BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
302	St. Paul Island	57 15	170 10	5·8	..	1009·8	+ 6·3	270·9	276·3	8,10,18	266·6	253·0	24th	268·7	..	+1·3	25	− 21
303	Dutch Harbor	53 55	166 30	4·0	1006·4	1007·1	+ 7·5	276·1	279·7	8th,17th	271·4	261·3	24th	273·8	*273·8*	+1·1	206	+ 49
305	Dillingham	59 0	158 28	24·4	..	..	..	269·1	276·9	11th	261·7	245·2	23rd	265·4	..	−0·3	37	− 2
306	Kodiak	57 48	152 22	4·6	1008.4	1009·1	+ 7·4	274·6	278·6	11th	270·5	261·9	26th	272·6	*272·5*	−0·3	214	+106
309	Sitka	57 3	135 19	4·6	..	..	..	277·0	279·7	4,5,6	270·7	265·8	26th	273·9	..	−0·3	145	− 20
310	Prince Rupert	54 18	130 18	51·8	1008·3	1014·8	+ 3·3	276·4	283·0	3rd	271·7	265·8	9th	274·1	*274·3*	−1·4	177	+ 34
311	Prince George	53 50	122 48	570	947·0	1018·6	..	271·4	278·0	21st	259·6	233·0	8th	265·5	*265·6*	−0·4	53	+ 26
312	Kamloops	50 41	120 20	385	972·1	1020·7	− 2·7	271·8	285·8	25th	265·0	248·6	9th	268·4	*268·6*	−1·8	16	− 1
313	Calgary	51 2	114 2	1079	884·5	1015·5	− 4·3	269·6	283·6	25th	258·2	240·8	8th	263·9	*263·8*	+0·1	10	− 4
314	Fort Smith	60 0	111 52	207	990·7	1019·6	..	251·8	260·2	28th	239·2	228·0	3rd	245·5	*245·4*	−4·9	73	+ 57
315	Prince Albert	53 10	105 45	436	959·7	1017·6	− 4.6	260·8	279·1	26th	247·7	233·0	7th	254·3	*253·9*	−1·3	15	− 1
316	Qu'Appelle	50 31	103 56	654	933·3	1017·3	− 5·9	262·9	277·4	26th	250·7	232·4	8th	256·8	*256·6*	+0·4	19	− 1
317	Minnedosa	50 15	99 50	515	949·5	1017·2	− 5·0	260·4	275·8	26th	248·9	233·0	8th	254·7	*254·1*	−1·5	15	0
318	Berens River	52 18	97 2	219	..	..	..	256·2	280·2	27th	246·4	235·2	7th,8th	251·3	..	−1·5	30	+ 16
318a	Churchill	58 46	94 13	13·1	1011·5	1013·3	..	248·2	259·1	27th	240·5	231·9	17th	244·3	*243·8*	..	4	..
319	Pagwa	50 3	85 18	189	..	..	..	262·6	278·6	20th	248·8	231·3	6th,8th	255·7	..	−0·1	33	− 6
320	Moose Factory	51 14	80 30	8·8	..	..	..	261·1	273·6	19th	245·2	230·2	8th	253·1	*252·5*	−0·8	..	..
320a	Moosonee	51 13	80 31	8·8	..	1014·2	..	259·7	273·0	19th,20th	246·2	231·3	9th	252·9	*252·7*	..	17	..
321	Fort George	53 50	79 5	97·5	..	..	..	256.0	271·9	20th	243·1	228·6	9th	249·6	*248·6*	−0·5	..	..
322	Mistassini Post	50 30	73 55	383	..	..	..	261·3	274·1	28th	249·1	231·5	17th	255·2	..	+1.3	52	+ 9
323	Fort Chimo	58 10	68 10	15·2	1007·1	1009·1	..	259·3	278·0	28th	246·9	234·7	16th	253·1	*252·8*	+3.2	..	..
324	Natashkwan	50 14	61 48	6·1	..	..	..	269·3	276·9	27th	258·9	245·8	17th	264·1	..	+5·7	224	+166
326	Belle Isle	51 53	55 23	130	990·4	1007·1	+ 1:2	269·9	275·8	9th	262·9	254·1	10th,17th	266·4	*266·4*	+5·7	..	..
334	Valentia Observatory	51 56	10 15	13·7	1013·8	1015·5	+ 2·8	281·7	286·4	8th	277·1	271·0	12th	279·4	279·7	−0·3	56	− 73
335	Aberdeen	57 10	W. 2 6	26·0	1008·7	1012·0	+ 1·8	278·7	285·9	8th	274·2	270·4	23rd	276·5	*276·5*	−0·2	94	+ 41
336	Greenwich	51 29	0 0	46·3	..	1015·4	− 0·5	280·9	286·9	5th	274·8	267·4	24th	277·9	277·9	+0·6	42	+ 2
337	Uccle	50 48	E. 4 22	100	1003·9	1016·3	− 0·3	279·7	284·9	9th	273·0	266·6	24th	276·3	276·1	+0·2	43	− 8
338	De Bilt	52 6	5 11	3·0	1014·7	1015·1	− 1·1	279·3	284·4	9th	272·7	264·6	22nd	276·0	*275·8*	+0.2	41	− 3
338a	Hamburg	53 33	9 58	40·3	1009·5	1014·6	− 1·1	276·8	281·9	9th,10th	271·9	266·1	20th	274·3	274·3	+0·4	49	+ 2
339	†Copennagen (Meteor. Inst.)	55 41	12 36	5·0	1011·8	1012·4	− 1·3	275·3	281·6	9th	271·2	263·4	20th	273·3	*273·4*	+1·0	54	+ 20
340	Potsdam	52 23	13 4	84·9	1003·9	1014·6	− 1·5	276·1	282·8	10th	269·7	261·1	21st	272·9	272·8	−0·7	44	+ 11
340a	Uppsala	59 51	17 38	24	1008·4	1011·4	− 1·0	271·7	279·0	9th	265·2	254·5	19th	268·5	268·6	+0·4	27	− 1
341	Warsaw	52 13	21 3	88·3	1002·8	1014·0	− 4·0	273·8	282·5	10th	268·7	258·2	20th	271·2	*271·2*	+1.3	39	+ 15
342	Tartu	58 23	26 43	80·8	1001·9	1012·3	− 1·8	269·1	275·1	3rd,10th	264·4	252·6	22nd	266·7	267·0	+0·6	28	+ 1
343	Leningrad	59 56	30 16	8·6	1012·0	1013·1	− 1·0	267·6	274·7	3rd	262·6	249·7	22nd	265·1	*265·2*	+0·2	35	+ 12
344	Moscow	55 50	37 33	167·2	997·4	1019·3	+ 0·7	265·3	271·2	15th	258·8	246·1	22nd	262·0	*262·5*	−1·4	32	+ 5
345	Saratov	51 34	46 0	135	1008·8	1027·0	+ 5·0	260·1	269·5	15th	253·4	242·4	3rd	256·8	*256·6*	−5·4	13	..
346	Kazan	55 47	49 8	82·4	1018·0	1029·2	+ 8·1	260·8	268·5	22nd	253·3	241·4	2nd	257·0	*256·7*	−4·8	9	− 9
347	Orenburg	51 45	55 6	109	1016·8	1031·8	+ 6·6	257·7	267·6	17th	249·8	240·9	27th	253·8	*253·9*	−5·1	11	− 7
348	Perm	58 1	56 16	159	1009·2	1030·9	+10·3	260·3	266·5	15th	251·0	240·3	2nd	255·6	*255·2*	−4·5	17	− 12
349	Sverdlovsk	56 50	60 38	281	994·2	1032·2	+10·9	260·5	266·8	18th	250·2	242·8	8th	255·4	*254·7*	−5·2	13	+ 5
350	Tobolsk	58 12	68 14	108	1018·4	1032·3	+ 9·8	256·8	264·4	19th	248·9	242·1	21st	252·8	*252·5*	−4·4	4	− 9
351	Akmolinsk	51 12	71 23	347	984·7	1032·8	+ 3·4	257·2	269·4	18th	247·2	237·5	28th	252·2	*252·0*	−4·4	2	− 11
352	Omsk	55 1	73 19	108	1017·9	1032·6	+ 7·4	253·8	264·9	18th	244·7	237·8	22nd	249·2	*248·6*	−6·7	3	− 7
353	Barnaoul	53 20	83 47	158	1011·4	1033·2	+ 3·3	258·8	270·4	1st	245·0	232·4	27th	251·9	*251·6*	−5·0	14	− 1
354	Tomsk	56 30	84 58	123	1017·2	1034·2	+ 7·3	257·1	267·6	2nd	244·9	235·5	5th	251·0	*250·7*	−5·7	11	− 11
355	Minousinsk	53 43	91 41	249	1001·2	1036·2	+ 5·0	254·1	263·4	14th	237·8	226·2	28th	246·0	*245·8*	−9·2	12	+ 7
356	Eniseisk	58 27	92 10	78	1024·4	1035·6	+ 9·1	252·8	261·0	12th	237·7	228·9	17th	245·2	*245·3*	−9·5	6	− 9
357	Irkutsk	52 16	104 19	467	971·9	1034·8	+ 3·1	258·9	266·9	9th	246·9	235·2	28th	252·9	*252·5*	−2·2	7	0
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	665	941·6	1030·6	+ 0·1	257·7	263·4	13th	242·0	234·3	2nd	249·8	*249·2*	−2·0	0	− 2
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

FEBRUARY - ZONE 3 cont.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
361	Tygan Ourkan	54 5	124 46	379	973·9	1026·1	+ 2·4	254·0	261·5	18th	240·2	230·8	15th	247·1	*247·6*	−3·8	0	− 5
362	Blagovyeshchensk (Bureau Meteor)	50 16	127 30	142	1003·5	1022·9	0·0	256·9	263·3	19th	246·2	236·7	9th	251·6	*251·1*	−3·8	0	− 3
364	Chantar Bolchoy	54 50	137 30	?20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1010·3	1016·1	− 1·1	256·1	266·0	24th	247·7	237·3	5th	251·9	*251·9*	−0·8	41	+29
366	Okhotsk	59 21	143 17	5·5	1017·8	1018·6	+ 2·2	255·6	265·8	26th	248·3	234·8	5th	252·0	*252·2*	†0·5	2	0
368	Petropavlovsk (Phare)	52 53	158 43	87·1	992·7	1004·0	− 0·6	266·8	272·4	19th	259·1	250·1	1st	263·0	*262·7*	−0·2	77	+21
369	Kluchevskoye	56 21	160 48	23·5	1008·2	1011·3	..	..	..	..	251·7	235·7	1st	..	*257·2*	..	33	..
370	Nikolskoe	55 12	165 59	6·8	1003·2	1004·1	..	271·0	276·5	27th	265·0	256·8	14th	268·0	*268·7*	..	14	..
		N.	E.															

BETWEEN LATITUDE 50° N. AND 40° N.

FEBRUARY - ZONE 4

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	69.5	1011.8	1020.5	+4.1	278.3	281.9	20th	273.4	264.7	9th	275.9	*275.7*	−1.8	72	−11
412	Portland, Oregon	45 32	122 41	46·6	1017·9	1023·3	+5·0	279·6	287·4	25th	273·3	261·9	9th	276·4	*276·1*	−1·9	108	−32
413	Macleod	49 44	113 24	953	..	..	..	271·1	281·9	26th	261·7	241·3	8th	266·4	*266·4*	0·0	4	−13
414	Helena	46 34	112 4	1257	872·0	1020·0	−0·6	270·5	283·6	26th	260·6	235·8	9th	265·6	*265·7*	−2·2	21	+ 5
414a	Salt Lake City	40 46	111 54	1328	870·3	1023·3	+2·1	272·3	283·6	28th	262·4	249·7	10th	267·4	*268·0*	−6·2	25	−12
415	Cheyenne	41 8	104 48	1857	808·3	1017·9	−1·0	273·9	285·2	26th	260·5	243·0	7th	267·2	*267·2*	−2·7	8	− 6
416	North Platte	41 8	100 45	860	916·0	1019·3	−1·3	277·2	290·2	21st	261·6	244·7	8th	269·4	*269·0*	−0·2	4	− 9
416a	Bismarck	46 47	100 48	510	953·6	1017·3	−3·6	266·7	285·2	26th	255·4	234·1	7th	261·1	*261·4*	+0·8	6	− 6
417	Winnipeg	49 53	97 7	232	985·4	1016·6	..	260·2	276·9	27th	248·1	231·9	7th	254·2	*253·9*	−1·1	15	− 4
418	Duluth	46 47	92 6	345	971·5	1015·2	−3·7	264·4	276·9	27th	253·5	236·9	9th	259·0	*258·9*	−2·4	23	− 3
419	Port Arthur	48 27	89 12	196	988·8	1014·4	−4·2	265·0	275·8	28th	255·4	238·6	9th	260·2	*260·1*	+0·9	19	+ 1
420	Chicago	41 47	87 35	205	992·2	1017·9	−0·7	274·1	286·3	25th	265·4	244·7	9th	269·8	*269·9*	−0·4	31	−22
421	Toronto	43 40	79 24	116	1000·7	1015·5	−2·7	273·2	280·8	22nd,23rd	266·3	251·9	9th	269·7	*269·7*	+2·8	41	−19
422	New York (Central Park)	40 47	73 58	47·4	1010·1	1016·1	−1·6	278·2	288·6	8th	270·1	261·3	10th	274·2	*274·4*	+1·9	78	−14
423	St. John, N.B.	45 17	66 4	36·3	1005·9	1010·5	..	274·3	282·4	8th	265·9	256·3	10th	270·1	*269·9*	+3·9	106	+ 7
424	S.W. Point, Anticosti	49 24	63 33	9·1	1005·7	1006·9	..	270·1	277·4	27th	261·3	252·4	13th	265·7	*265·9*	+3·4	73	+27
424a	Sable Island (Main Station)	43 57	60 6	7·6	1009·3	1010·3	..	276·6	283·0	8th	270·9	266·3	7,10,13	273·7	*273·7*	+2·6	156	+37
426	St. John's, Newfoundland	47 34	52 42	74·1	998·5	1007·8	−1·0	273·6	281·9	9th	268·8	261·3	11th	271·2	*271·1*	+3·5	88	−38
435	Madrid	40 24	3 41	667	939·6	1019·0	−1·3	283·3	291·8	5th	274·5	269·2	21st	278·9	*278·1*	−0·2	49	+ 4
436	Nantes	47 15	W. 1 34	36·5	1012·6	1017·0	−1·1	282·1	287·0	5th,28th	276·5	270·0	20th,21st	279·3	278·9	+0·5	49	− 9
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1011·4	1017·7	−0·2	280·3	286·7	5th	274·3	266·9	24th	277·3	277·3	+0·2	39	+ 6
438	Marseille	43 18	5 23	75	..	1013·0	−3·6	284·8	293.2	5th	276·5	270·7	25th	280·7	*280·2*	−0·7	24	−13
438a	Zürich	47 23	8 33	493	958·0	1018·4	−1·8	278·8	289·2	5th	270·2	262·8	25th	274·5	274·0	+0·2	59	+ 4
439	Rome	41 54	12 29	45·5	1007·5	1013·1	−3·1	283·5	290·9	9th	277·5	272·9	18th	280·5	*280·2*	−1·0	82	+14
440	Vienna	48 15	16 22	203	991·5	1016·8	−2·1	276·8	287·0	5th	272·2	266·1	17th	274·5	274·4	+0·9	59	+26
440a	Budapest	47 31	19 1	130	999·3	1015·6	−3·6	278·2	285·5	6th	273·0	268·0	17th	275·6	275·3	+1·8	29	− 1
441	Sofia	42 42	23 20	550	949·7	1016·8	−3·5	277·0	282·4	25th	270·1	259·3	14th	273·5	*273·4*	+0·2	37	+ 6
442	Bucharest	44 25	26 6	82	1006·3	1016·7	−3·1	275·1	281·1	7th	268·9	261·0	20th	272·0	271·8	−0·4	67	+39
443	Odessa (Observatory)	46 26	30 46	42·8	..	..	..	273·3	276·9	24th	269·3	264·0	20th	271·3	*271·1*	−0·2	25	+ 4
444	Novorossiisk	44 44	37 49	37·1	1011·4	1016·0	−2·2	280·4	287·0	22nd	273·4	264·9	14th	276·9	*276·7*	+0·6	135	+67
445	Tiflis	41 43	44 48	404	969·2	1018·5	−3·1	281·3	287·6	21st	272·3	265·6	15th	276·8	*276·3*	+0·8	12	− 7
446	Astrakhan	46 21	48 2	−20	1024·7	1022·1	−0·8	267·6	274·7	16th	261·0	246·7	11th	264·3	*264·1*	−3·8	7	− 2
447	Fort Alexandrovsk	44 31	50 7	−23·0	1023·5	1020·6	−1·5	272·9	278·0	16th	267·0	255·2	11th	270·0	*269·6*	−0·8	5	− 2
448	Krasnovodsk	40 0	52 59	− 7·4	1019·1	1018·2	−2·7	281·2	290·2	20th	276·1	270·9	10th	278·6	*278·4*	+1·3	11	− 2
449	Kasalinsk	45 46	62 7	66·7	1017·4	1026·4	+1·7	262·6	272·1	17th	253·6	242·1	28th	258·1	*258·1*	−4·2	0	− 8
450	Tashkent	41 20	69 18	479	962·6	1020·9	−3·6	281·0	290·3	22nd	272·0	261·8	14th	276·5	*275·9*	+1·6	63	+29
451	Andijan	40 44	72 20	496	961·8	1022·7	..	279·4	285·6	22nd	269·4	254·8	2nd	274·4	*273·8*	..	7	..
452	Alma Ata	43 16	76 55	848	922·0	1026·1	−1·3	273·2	280·6	20th	263·1	251·9	6th	268·2	*268·2*	..	28	0
459	Peiping	40 0	116 22	84.5	1017·5	1028·4	..	275·9	283·2	14th	264·5	258·5	3rd	270·2	270·2	..	1	..
461	Fengtien (Moukden)	41 47	123 24	44·3	1019·2	1025·1	−0·3	268·4	276·3	6th	254·2	245·1	18th	261·3	261·3	−2·5	8	+ 1
462	Joshin	40 40	129 12	31·9	1017·1	1021·2	†0·5	271·5	277·6	7th	262·8	258·0	26th	267·1	267·1	−1·6	17	+ 2
463	Yuki	42 20	130 24	63·8	1012·9	1021·4	+0·3	268·3	273·8	7th	260·3	252·2	11th	264·3	264·1	−2·3	3	− 6
464	Vladivostok	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
465	Ochiai	47 20	142 47	27·4	1009·6	1013·2	−0·6	262·3	271·3	25th	251·6	242·7	14th	256·9	257·0	−2·5	13	−17
466	Nemuro	43 20	145 35	26·7	1009·1	1012·6	−0·1	269·5	273·7	22nd	260·4	253·4	17th	264·9	265·5	−2·0	49	+24
466a	Syana	45 14	147 53	39·3	1005·8	1010·8	−0·6	267·6	271·5	15th	260·8	255·4	7th	264·2	264·2	−1·8	31	−23
		N.	E.															

BETWEEN LATITUDE 40° N. AND 30° N.

FEBRUARY - ZONE 5 (AMERICA)

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
511	San Francisco	37 48	122 26	47·2	1017·3	1023·0	+3·9	287·6	291·3	25th	279·8	277·4	2nd	283·7	283·2	−0·1	29	−63
512	Sacramento	38 35	121 30	20·1	1020·3	1022·7	+4·0	286·8	291·3	22nd	276·1	271·3	10th	281·4	*282·0*	−1·7	24	−48
513	San Diego	32 43	117 10	26·5	1016·2	1019·6	+1·6	289·1	293·0	21st	279·9	276·9	4th	284·5	*284·6*	−1·2	1	−46
514	Modena	37 48	113 54	1668	834·4	1022·7	+1·1	272·8	284·7	28th	256·3	240·2	10th	264·6	*265·2*	−7·6	1	−23
515	Santa Fé	35 41	105 57	2138	784·9	1018·6	+0·2	276·6	287·4	28th	264·1	249·7	8th	270·3	*270·4*	−2·8	5	−17
516	Denver	39 45	105 0	1613	834·1	1016·9	−0·6	278·6	292·4	23rd	264·3	246·3	8th	271·4	*271·5*	−1·4	6	− 7
517	Abilene	32 23	99 40	530	957·3	1019·6	+0·9	287·3	301·9	23rd	273·2

FEBRUARY - ZONE 5 (EUROPE, AFRICA, ASIA)

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40°N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27 N.	31 8 W.	40	1008·7	1014·2	–6·5	289·7	291·9	11th	286·1	284·3	26th	287·9	287·9	+1·0	105	–59
531	Horta	38 32	28 38	65	1006·7	1014·6	–6·5	289·4	291·2	7th	285·0	283·3	23rd	287·2	287·4	+0·2	103	+ 7
532	Ponta Delgada	37 44	25 40	22	1013·6	1016·3	–4·1	289·3	291·1	5th	285·7	283·2	1st	287·5	287·6	+0·5	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	..	..
533	Madeira (Funchal)	32 38	16 55	25	1014·7	1017·7	–3·1	291·8	297·4	4th	286·1	283·5	15th	289·0	*289.0*	+0·9	107	+ 2
535	Lisbon	38 43	9 9	95	1006·8	1018·3	–1·3	286·8	293·4	5th	279·7	276·1	21st	283·3	283·3	–0·9	53	–38
536	Gibraltar	36 6	5 21	27·4	..	1017·3	–2·7	290·1	294·7	9th	282·1	275·8	21st	286·1	*285.1*	–0·1	10	–79
536a	Colomb-Béchar	31 37	W. 2 13	769	928·2	1016·6	–2·0	292·1	297·2	7th	279·3	271·1	22nd	285·7	*284.8*	+1·6	111	– 4
537	Palma	39 34	E. 2 39	23	1012·1	1014·9	–3·8	288·2	294·0	3rd	277·3	273·0	24th	282·8	*281.7*	–1·6	30	+23
538	Algiers	36 46	3 13	59	1008·7	1015·8	–2·8	288·8	293·5	11th	282·6	275·0	21st	285·7	285·5	0·0	21	–14
538a	Gadames	30 8	9 30	361	..	..	..	295·1	304·3	27th	278·2	271·5	22nd	286·7	..	+0·6	106	+26
539	Tunis	36 48	10 10	66	1005·5	1013·5	–2·6	288·0	294·4	6th	279·8	274·6	24th	283·9	*283.7*	–0·1	0	– 7
540	Malta	35 54	14 31	71·2	..	1012·5	–3·3	287·9	290·2	11,12,16	283·3	278·6	21st	285·6	*285.1*	–0·3	25	–26
541	Athens	37 58	23 43	107	1000·7	1013·7	–3·4	287·3	292·0	7th	280·5	277·3	14th	283·9	283·4	+1·3	70	+14
542	Alexandria	31 12	29 53	32	1011·1	1014·9	–2·0	294·5	301·4	17th	284·3	282·4	10th, 16th	289·4	288·8	+1·3	42	+ 3
543	Ankara	39 58	32 48	861	914·4	1016·3	–2·6	280·3	287·3	21st	271·2	260·5	14th	275·7	*275.5*	..	12	–12
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1014·4	–0·7	288·8	292·4	19,23,28	278·9	274·7	7th	283·8	..	+0·7	20	..
544	Beirut	33 54	35 28	33·7	..	1014·3	–2·1	290·7	297·9	18th	285·1	281·4	7th	287·9	*287.7*	+1·1	40	–22
545	Hinaidi	33 17	44 29	32·9	1011·0	1015·1	–4·2	291·3	299·7	25th	279·7	274·7	12th	285·5	*285.4*	+1·4	76	–85
546	Lenkoran	38 46	48 51	–20·0	..	..	..	..	..	..	..	..	..	..	..	..	27	– 2
547	Tehran	35 41	51 25	1220	..	..	..	284·7	291·3	27th	273·4	268·6	10th, 12th	279·1	*279.0*	+1·2	17	–12
548	Meshed	36 17	59 36	946	..	..	..	284·6	292·4	28th	..	..	..	..	..	..	12	–14
549	Seistan	31 2	61 30	? 610	959·6	..	..	292·3	298·6	28th	277·6	270·2	2nd	284·9	..	+1·7	37	+26
550	Quetta	30 10	67 1	1647	835·3	..	–1·1	284·6	289·7	5th, 7th	272·4	266·9	2nd, 3rd	278·5	*278.4*	–0·1	39	– 8
551	Peshawar	34 1	71 35	355	975·4	1017·8	–1·3	293·5	297·4	7th, 22nd	280·3	276·9	2nd	286·9	*286.3*	+1·6	51	+17
551a	Lahore	31 35	74 20	214	990·1	1015·8	–0·8	296·1	298·6	9, 11, 12	281·4	277·4	4th, 6th	288·7	*288.2*	+1·2	3	–21
552	Simla	31 6	77 10	2202	781·2	..	+0·6	283·0	289·1	5th	276·2	271·9	25th	279·6	*279.5*	+0·9	89	+10
552a	Leh	34 9	77 34	3503	664·5	..	+0.9	272·4	277·4	27th	259·4	255·8	4th	265·9	*264.9*	–1·2	7	0
558	Sian	34 31	109 5	365	974·1	1018·4	..	284·2	291·4	28th	271·1	263·1	2nd, 4th	277·6	279·1	..	0	..
559	Hankow	30 35	114 17	39·1	1018·8	1023·8	–1·8	282·3	289·7	21st	276·3	270·8	2nd	279·3	*279.1*	+0·5	31	–16
560	Tientsin	39 9	117 9	6·4	1024·0	1024·7	–1·9	277·4	284·4	27th	265·7	261·8	3rd	271·5	*271.4*	+0·1	0	– 3
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1022·6	1023·5	–1·4	282·0	289·0	21st	273·5	268·4	3rd	277·8	277·0	–0·1	82	+23
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1014·7	1023·8	+0·8	274·6	278·5	6th	266·4	261·4	26th	270·5	270·0	–1·2	20	+ 3
562a	Nagasaki	32 44	129 52	133	1004·4	1020·8	+0·1	282·6	289·4	23rd	274·4	270·6	4th	278·5	278·1	–0·8	36	–52
563	Kyoto	35 1	135 44	42·9	1013·8	1019·1	+0·4	281·7	287·0	28th	271·0	267·1	20th	276·3	*275.7*	–0·3	28	–39
564	Tokyo	35 41	139 46	5·8	1015·1	1015·8	–0·3	281·5	290·0	22nd	272·4	268·0	20th	276·9	276·6	–0·2	19	–52
565	Hukusima	37 45	140 28	68·5	1008·0	1016·7	+0·5	278·2	283·8	21st	268·5	265·0	1st	273·3	273·0	–0·9	15	–39
566	Miyako	39 38	141 59	30·4	1010·9	1014·7	–0·2	277·5	281·9	7th	266·6	261·7	12th	272·1	271·5	–1·2	7	–62

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BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		N.	W.															
601	Midway Island	28 13	177 22	5·8	1015·1	1015·8	..	295·5	299·1	22nd	..	..	..	..	..	..	149	+62
605	Honolulu	21 19	157 52	11·6	1014·5	1015·9	–0·7	297·3	298·6	16th	292·6	290·2	6th	294·9	*294.7*	+0·3	150	+53
613	Guaymas	27 55	110 53	8·3	1015·9	1016·9	+0·9	295·3	300·1	27th	285·4	281·8	8th	290·3	*290.1*	–1·8	17	+10
614	La Paz, Mexico	24 10	110 20	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..
615	Leon	21 7	101 41	1809	819·8	1009·8	–2·0	297·9	301·4	25th	282·3	278·8	8th	290·1	*289.5*	+0·8	9	+ 1
616	Monterry	25 40	100 18	528	955·8	1016·8	+0·6	295·3	303·9	17th	284·3	269·5	8th	289·8	*288.5*	–0·7	34	+14
617	Tulancingo	20 5	98 22	2181	790·1	..	–0·1	297·0	301·2	19th	279·1	271·8	9th	288·1	*286.6*	+0·7	3	– 8
618	Galveston	29 18	94 50	16·5	1017·6	1019·6	+0·5	289·3	296·3	25th	282·2	265·8	8th	285·8	*285.6*	–0·4	110	+39
618a	New Orleans	29 57	90 4	16·2	1018·3	1020·3	+1·4	291·9	301·3	25th	283·1	266·3	9th	287·5	*287.1*	+0·5	143	+38
619	Merida, Yucatan	20 58	89 38	22	1013·6	1016·1	–0·9	303·3	305·0	19th	293·3	289·0	23rd	298·3	*297.5*	+2·0	1	–19
620	Havana	23 7	82 25	77·0	1009·0	1017·6	–0·4	301·0	303·3	13th, 14th	292·0	290·0	2nd	296·5	296·0	+0·8	9	–47
620a	Key West	24 33	81 48	6·7	1018·6	1019·3	+0·7	299·6	301·9	18th	293·6	288·6	6th	296·6	*296.0*	+2·2	19	–19
621	Nassau, Bahamas	25 5	77 20	5·4	..	1021·3	+2·7	299·6	300·8	14, 17, 27	291·5	291·3	1, 6, 26	295·6	*295.5*	+0·4	2	–39
622	San Salvador (Watling Island)	24 6	74 26	33·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
633	Port Etienne	20 56	17 3	4	1011·4	1011·9	..	301·0	308·0	20th	286·3	284·0	8th, 9th	293·7	..	..	0	0
634	La Laguna	28 28	16 20	547	950·8	1014·1	–5·8	290·8	298·0	5th	282·5	277·2	9th	286·7	*286.8*	+1·2	40	–43
634m	Izaña	28 19	16 30	2367	766·3	..	–1·0	280·9	285·5	5th	274·8	270·4	11th	277·9	*277.9*	+1·4	36	–28
636	Adrar	27 52	W. 0 17	285	982·0	1015·4	..	296·1	302·3	1st	280·7	275·6	21st	288·4	*289.1*	..	0	..
638	Tamanrasset (Fort Laperrine)	22 47	E. 5 31	1350	863·1	1010·1	–1·7	294·6	298·5	25th	281·3	276·1	23rd	287·9	288·0	+0·8	0	– 1
639	Gat	24 58	10 11	566	..	..	..	297·8	304·2	26th	283·8	278·5	23rd	290·8	*291.1*	..	0	..
640	Ilon	29 8	15 56	207	..	..	..	?294·4	?300·3	13th, 14th	279·4	276·9	2nd	?286·9	..	..	0	..
641	Giarabub	29 44	24 31	15	..	..	..	295·1	298·0	1st, 17th	283·7	278·1	1st	289·4	*289.3*	..	0	..
642	Siwa	29 12	25 29	–15	1016·6	1014·7	–4·6	295·3	302·0	28th	277·6	274·0	25th, 27th	286·5	*286.0*	+0·6	0	0
643	Cairo (Helwan)	29 52	31 20	116	1000·7	1014·5	–3·0	295·1	303·6	28th	284·0	280·4	6th	289·5	289·4	+2·3	8	+ 4
643a	Aswan	24 2	32 53	100	1001·2	1012·9	–3·6	300·8	308·7	28th	284·3	281·0	4th	292·5	*291.4*	+1·3	..	..
644	Tor	28 14	33 37	1·9	1012·8	1013·0	–2·9	295·3	300·6	18th	284·0	281·0	7th, 10th	289·7	*289.6*	+1·4	3	+ 1
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N. FEBRUARY - ZONE 6 (ASIA)

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	E.															
647	Bushire	28 59	50 49	4·3	1013·5	1014·2	..	292·5	301·3	27th, 28th	284·9	281·3	2nd	288·7	*288.4*	+0·7	54	+ 5
648	Jask	25 45	57 45	4·0	1014·2	1014·5	..	297·1	299·1	7th	289·3	285·8	14th	293·2	*292.9*	0·0	56	+33
649	Manora (Karachi)	24 48	66 59	4·0	1014·5	1015·0	–1·5	296·3	300·8	28th	289·7	286·9	4th, 5th	293·0	*292.7*	–0·8	1	– 9
650	Jacobabad	28 17	68 29	56·7	1008·5	1015·2	–1·1	298·9	302·4	11th	283·7	278·0	2nd, 4th	291·3	*290.9*	+1.1	2	– 6
651	Jaipur	26 55	75 50	436	999·3	1015·9	–0·5	299·8	302·4	10th, 12th	284·6	277·4	4th	292·2	*291.6*	+0·7	4	– 4
652	Nagpur	21 9	79 7	310	977·9	1013·5	–1·5	305·4	308·6	11th	290·3	286·9	4th	297·8	*297.6*	+1·5	54	+39
653	Allahabad	25 26	81 50	94·2	1003·0	1014·2	–1·5	301·1	305·2	25th	285·3	279·7	5th	293·2	*292.6*	+1·5	24	+ 9
653a	Darjiling	27 3	88 16	2265	774·9	..	–0·5	282·7	286·9	28th	276·4	274·7	14th	279·0	*278.9*	+0·4	8	–21
654	Calcutta	22 32	88 20	6·4	1013·2	1014·0	–0·9	301·5	304·1	25, 27, 28	290·7	284·1	1st	296·1	*295.8*	+1·5	66	+38
655	Gauhati	26 11	91 45	55·5	1007·3	1013·9	–1·9	298·4	304·1	28th	287·0	285·2	4 days	292·7	*291.8*	+1·1	19	–13
655a	Akyab	20 8	92 55	8·8	1012·1	1013·1	–1·1	302·4	306·9	23rd, 27th	288·7	284·7	1st	295·6	*295.4*	–0·1	0	– 2
655m	Cherrapunji	25 15	91 44	1313	869·7	..	–0·2	290·2	293·6	26th	282·4	279·7	1, 2, 3	286·3	*285.6*	+0·6	17	–52
656	Mandalay	21 59	96 6	76·2	1003·7	1012·6	–1·7	305·9	309·7	27th	289·0	283·6	1st	297·4	*296.7*	+0·5	0	– 2
656a	Tengyueh	25 0	98 40	1634	834·6	1012·0	..	291·8	296·0	27th	275·4	272·5	11th	283·6	*283.6*	+1·0	7	–31
657	Phu Lien	20 48	106 38	116	..	1014·8	–1·9	291·1	296·0	28th	287·9	283·8	1st	289·5	*289.3*	–0·3	63	+22
658	Moncay	21 31	107 58	9·0	..	1015·1	–2·2	290·0	298·2	27th	286·6	282·7	4th	288·3	*287.6*	–0·8	88	+22
659	Hongkong	22 18	114 10	33·2	..	1016·3	–2·3	291·4	299·3	24th	286·8	284·8	5th	289·1	288·6	+0·7	3	–43
660	Amoy	24 26	118 4	4·9	1019·1	1019·7	–1·6	289·2	294·0	24th	284·7	282·0	1st	286·9	286·4	0·0	9	–68
661	Taihoku, Formosa	25 2	121 31	9·3	1017·0	1018·1	–1·9	292·0	298·9	7th	286·5	284·3	3rd	289·2	288·7	+0·9	101	–31
661a	Basco	20 28	121 59	18.7	..	1013·1	–1·9	298·8	301·9	24th	293·6	290·7	11th	296·2	296·0	+0·5	154	+36
662	Naha	26 12	127 39	29·5	1013·8	1017·3	–1·4	292·2	297·0	9th	287·3	282·4	1st	289·8	289·6	+0·6	175	+35
665	Titizima (Bonin Islands)	27 5	142 11	4·3	1016·1	1016·7	–0·1	294·3	297·8	14th	286·9	282·1	20th	290·6	290·6	+0·2	143	+59

BETWEEN LATITUDE 20° N. AND 10° N. FEBRUARY - ZONE 7

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		N.	W.															
715	Colima	19 12	103 45	498	956·8	1012·7	–0·6	305·9	309·2	25th	288·3	284·9	9th	297·1	*295.4*	+0·1	8	+ 6
716	Morelia	19 42	101 7	1923	809·8	1010·8	–0·9	295·8	298·9	25th	283·2	280·0	8th	289·5	*289.2*	+1·0	7	+ 1
717	Mexico, Tacubaya	19 24	99 12	2309	775·2	..	+0·3	297·2	300·4	27th	278·6	275·8	12th	287·9	287·0	+0·5	6	– 1
718	Salina Cruz	16 12	95 12	56	1005·7	1012·1	–1·5	303·0	306·4	25th	294·3	291·3	10th	298·7	*298.8*	+1·2	0	– 7
719	ø San Salvador	13 42	89 13	682	937·8	1013·3	–0·2	309·0	311·2	21st, 28th	284·5	282·6	17th	296·7	*296.5*	+0·7	0	– 7
720	Belize	17 31	88 11	5·2	1014·5	1015·1	–0·7	301·4	304·4	10th	295·4	291·3	25th	298·4	*298.0*	+0.4	55	– 7
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1016·3	+0·8	302·5	305·2	21st	292·9	290·2	23rd	297·7	*297.4*	+0·1	4	–43
722	Port au Prince	18 33	72 20	37·4	1012·5	1016·7	+0·5	304·3	306·2	18th	294·0	292·4	8th	299·2	*298.6*	+0·7	5	–59
723	Caracas	10 30	66 55	1043	898·7	1013·3	..	298·7	303·0	27th	286·2	281·6	17th	292·4	*291.7*	+0·3	16	+ 7
724	San Juan, Porto Rico	18 29	66 7	25·0	1014·9	1017·9	+0·7	299·4	301·9	27th	294·3	292·4	26th	296·9	*296.7*	+0·1	18	–46
724a	Grenada (Richmond Hill)	12 5	61 46	188	993·1	1014·4	..	303·6	304·7	6th	296·2	294·7	10th	299·9	*299.5*	+1·8	64	– 7
725	Barbados	13 8	59 36	57·9	..	1015·0	0·0	300·8	302·4	27th	293·4	291·3	8th	297·1	*296.9*	–0·7	36	–18
731	São Vicente, C. Verde Is.	16 54	25 4	11	1012·4	1013·7	–1·5	297·5	299·5	26th	292·5	291·9	4th	295·0	*295.2*	+0·9	0	– 5
732	ø San Tiago, C. Verde Is.	14 54	23 31	34	..	..	..	299·7	301·0	8th	..	..	..	..	*296.9*	..	0	– 1
733	Dakar	14 40	17 26	32	1006·8	1010·5	..	301·8	307·5	6th, 7th	291·4	290·2	1st	296·6	*295.9*	+1.5	0	– 1
734	ø Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	302·4	309·7	4th	290·2	288·0	9th	296·3	*295.9*	+0·1	0	– 1
735	Bamako	12 39	7 58	340	970·0	1007·9	..	305·5	312·4	16th	294·7	291·0	1st	300·1	*299.9*	..	0	..
736	Kabara	16 45	W. 3 1	273	..	..	..	..	..	..	..	..	..	..	..	..	0	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	309·8	314·1	27th	291·4	287·4	9th	300·6	*300.4*	+1·2	0	0
738	Kaduna Capital	10 32	7 25	584	941·0	1004·4	..	307·3	310·8	26th	289·6	286·3	16th	298·4	*298.3*	0·0	0	– 1
739	Bilma	18 41	12 55	356	..	..	..	..	311·2	27th	..	276·1	10th	..	..	..	..	..
740	Maiduguri	11 47	13 11	361	..	..	..	309·2	314·7	28th	..	..	..	..	‡300·4	+2·6	0	0
741	El Fasher	13 32	25 18	730	926·0	1006·3	..	308·4	314·0	19th, 24th	286·9	278·0	1st	297·7	*295.6*	+2·7	0	0
743	El Obeid	13 11	30 14	563	945·6	1008·0	–2·5	307·8	313·5	18th	288·6	281·7	7th	298·2	*297.2*	+2·9	0	0
743a	Khartoum	15 37	32 33	380	965·6	1008·0	–3·3	309·0	315·3	19th	290·8	285·3	7th	299·9	*299.1*	+2·2	0	0
744	Port Sudan	19 37	37 13	5·5	1011·5	1012·1	–1·7	300·8	303·1	25th	293·0	288·8	14th, 24th	296·9	*296.7*	+0·9	0	– 4
745	Berbera, Somaliland	10 26	45 2	13·8	1010·2	1011·8	–2·4	302·2	303.0	11th	295·6	293·0	3rd	298·9	*298.8*	+0·7	0	– 5
746	Aden	12 49	45 2	29·9	1013·1	1016·6	+1·5	303·1	304·7	10th	297·1	295·2	3rd, 7th	300·1	*299.5*	+2·0	3	– 2
751	Bombay	18 54	72 49	11·3	1011·8	1013·1	–1·3	301·5	303·6	1st	293·3	291·3	9th	297·4	297·2	+0·1	0	– 2
752	Kodaikanal	10 14	77 28	2343	771·8	..	–0·3	291·0	294·1	23rd	281·8	279·7	9th	286·4	286·4	+1·4	31	– 5
752a	Bangalore	12 58	77 35	921	911·9	1012·8	–0·6	303·9	305·8	26th	289·4	287·4	10th, 12th	296·7	*296.3*	+1·1	8	+ 3
753	Madras	13 4	80 15	6·7	1012·7	1013·5	–0·9	302·7	305·2	11th	293·2	290·8	17th	297·9	*297.4*	–0·2	0	– 8
754	Vizagepatam	17 42	83 18	38·4	1009·4	1013·7	–0·9	301·2	302·4	28th	294·4	291·3	3rd	297·8	*297.3*	–0·5	0	–22
755	Port Elair	11 40	92 43	18·0	1009·8	1011·8	–1·3	302·9	305·2	25th, 28th	296·6	294·7	4 days	299·7	*299.2*	–0·5	12	–10
756	Rangoon	16 46	96 11	5·5	1011·6	1012·3	–1·3	306·6	310·8	27th	292·7	289·1	5th	299·7	*298.5*	+0·4	0	– 6
757	Cap St. Jacques	10 20	107 5	180	..	1012·2	..	300·1	304·1	28th	295·3	293·4	3rd	297·7	*297.3*	–0·6	0	– 1
758	Nhatrang	12 15	109 12	3·6	..	1012·3	..	301·8	303·5	21st	293·2	290·2	1st	297·5	*296.9*	–0·2	5	–21
759	Iba	15 20	119 58	4·8	..	1010·1	–1·1	306·2	307·3	19th.	294·6	291·9	11th	300·4	*299.8*	+1·6	17	+10
761	Vigan	17 34	120 23	12·2	..	1010·2	–1·8	303·4	304·5	18th	295·2	292·8	10th	299·3	298·8	+0·1	0	– 6
761a	Manila	14 35	120 59	14·2	..	1010·8	–1·5	304·8	307·0	18th	294·3	290·6	10th	299·5	298·7	+0·4	9	– 2
762	ø Ormoc	11 0	124 36	5·6	..	1008·7	–1·6	304·1	306·2	21st, 27th	..	..	..	..	*299.2*	+0·8	99	–16
765	Guam, Ladrone Is.	13 24	144 38	18·6	..	1009·1	–1·0	303·0	304·0	11, 12, 16	297·3	296·0	16th	300·1	*299.9*	+0·6	56	–11
766	Saipan	15 14	145 46	207	988·1	1008·4	..	300·7	301·5	14th, 28th	295·6	294·5	1st	298·1	297·7	..	58	..
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics.
‡See Table of Authorities, Remarks, pages 105-15. øChange of normals, see Table of Authorities, pages 105-15.

RÉSEAU MONDIAL

FEBRUARY - ZONE 8

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		°N. ′	° W.′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1008·4	1009·1	–1·4	..	..	..	..	..	..	..	‡301·0	0·0	73	–188
821	Cristobal	9 23	79 54	11·0	..	1012·1	–0·2	302·4	303·6	7th	298·3	296·9	25th	300·3	299·8	+0·5	2	– 39
822	Bogota	4 36	74 5	2645	746·6	..	+0·9	293·5	295·7	25th	281·4	278·4	11th,14th	287·5	*286·7*	–0·2	25	– 35
822a	Merida, Venezuela	8 36	71 9	1641	841·9	..	..	296·9	300·0	4th	285·9	284·2	23rd	291·4	*290·4*	–0·5	3	– 36
823	¿Ciudad Bolivar	8 9	63 33	38	1006·1	1010·4	–1·7	304·4	305·8	25th	294·8	292·9	10th	299·6	*299·0*	–0·2	6	– 3
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·8	–0·5	301·7	302·4	7th,26th	296·8	294·1	10th	299·3	*298·8*	+0·2	118	+ 3
826	Paramaribo	5 49	55 9	3·7	1012·2	1012·6	–0·6	303·7	305·2	17th	294·5	291·3	21st	299·1	*298·9*	+0·8	69	–100
826a	Cayenne	4 54	52 21	6	1011·6	1012·3	..	301·3	303·2	15th,27th	297·6	294·8	3rd	299·5	*298·6*	+0·2	382	+ 70
831	10°–5°N.,30°–25°W.	††7 24	††27 54	§ (16)	..	1012·2	–0·1	..	..	Sea Temp. 298·5	†0·1	..	..	..	*298·5*	+0·3	..	..
833	Konakri	9 31	13 43	12·5	1009·3	1010·8	..	304·1	306·0	28th	294·9	290·2	15th	299·5	*298·9*	–1·0	19	+ 19
834	Freetown, Sierra Leone	8 29	13 14	55·0	1004·7	1010·9	+1·1	303·3	305·2	21st,24th	296·6	293·6	14th	299·9	*299·3*	..	14	+ 6
835	Assuantsi	5 18	1 15	97·3	997·8	1008·9	..	304·6	306·9	28th	294·8	293·0	26th	299·7	*299·1*	+0·2	34	– 33
836	Accra	5 33	W. 0 12	17·7	1008·6	1010·6	+0·6	304·3	305·8	15th,19th	296·7	294·1	8th	300·5	*300·0*	+0·2	122	+ 93
837	Lagos	6 27	E. 3 24	1·8	1009·5	1009·9	+0·4	304·5	305·8	3,17,27	298·2	295·2	4th	301·3	*300·8*	+0·2	52	+ 4
838	Victoria, Nigeria	4 1	9 12	15·5	1008·3	1010·1	..	305·1	306·9	28th	293·9	291·3	21st	299·5	*298·8*	..	45	– 24
839	Yola	9 12	12 30	259	..	..	..	309·6	313·0	27th	295·0	290·8	21st	302·3	*302·2*	+0·4	0	0
841	Barumbu	1 11	23 30	?450	..	..	..	304·1	307·5	23rd	292·6	291·5	11th	298·3	*297·6*	..	114	..
842	Wau	7 42	28 3	440	957·4	1005·7	–2·1	311·0	314·0	24th	294·1	290·5	6th,7th	302·5	*301·2*	+1·5	9	+ 3
843	Malakal	9 35	31 37	394	963·2	1006·7	–1·2	310·6	313·2	28th	293·7	291·0	7th	302·1	*300·8*	+1·0	0	0
843a	Juba	4 53	31 35	475	954·8	1007·0	..	310·5	312·0	11th,12th	293·2	291·0	4th	301·9	*300·8*	..	22	..
844	Kampala (Kololo Hill)	0 20	32 36	1312	867·4	1006·2	..	300·7	302·0	12th	290·4	288·5	8th	295·5	*294·3*	..	57	..
845	Baidoa	3 7	43 39	480	956·0	1008·5	..	309·8	311·0	18,23,25	294·6	294·0	Sev.dates	302·2	..	..	3	..
846	Sheikh	9 55	45 15	1463	..	..	..	297·7	304·1	22nd	282·6	278·6	24th	290·1	..	..	0	– 17
851	Minicoy	8 18	73 0	2·7	1012·0	1012·4	–0·7	303·5	304·7	8th	297·8	295·2	10th	300·7	*300·2*	..	69	+ 52
851a	Cochin	9 58	76 14	2·7	1012·0	1012·4	–0·8	303·8	305·2	4 days	297·6	295·8	1st,4th	300·7	*300·2*	–0·1	25	+ 5
852	Colombo Observatory	6 54	79 52	7·3	..	1010·2	–0·5	303·1	304·9	23rd	295·2	293·0	17th	299·2	*298·7*	–0·7	66	+ 17
853	Nuwara Eliya	6 58	80 46	1881	814·1	1013·7	+0·4	293·8	296·4	12th	280·4	272·8	17th	287·1	*286·1*	0·0	43	– 10
854	Trincomalee	8 35	81 15	30·2	..	1010·8	–0·5	301·2	302·4	22nd	297·3	294·6	16th	299·3	*298·8*	–0·6	17	– 37
855	Koetaradja	5 32	95 20	7·1	..	..	..	..	..	..	..	..	..	..	..	..	79	– 13
856	Medan	3 35	98 41	25·0	..	1010·1	–0·4	304·0	304·7	26th	294·7	291·6	14th	299·3	*298·7*	+0·3	56	– 35
857	Butterworth	5 25	100 22	2·1	..	1009·2	..	304·3	305·2	14th	295·0	293·6	8th	299·7	299·4	..	160	..
858	Singapore (Mt. Faber)	1 16	103 49	90·5	..	1009·6	–0·4	304·4	306·3	Sev.dates	294·7	293·6	Sev.dates	299·5	298·5	..	49	..
859	Sandakan	5 50	118 7	55·5	1003·5	1009·8	..	302·8	305·2	14th	296·7	295·2	11th	299·7	*299·3*	–0·1	412	+133
860	Iwahig	9 44	118 38	14·3	..	1008·7	–1·0	304·7	306·4	15th	295·1	292·4	10th	299·9	*299·5*	+0·8	35	– 17
861	Tagbilaran	9 38	123 51	21·3	..	1008·7	–1·6	303·1	306·3	20th	296·2	295·0	1st,8th	299·7	298·9	+0·2	100	+ 18
861a	Menado	1 30	124 50	8·5	..	1008·6	–1·2	302·9	306·3	17th	296·0	293·7	14th	299·5	*299·1*	+0·4	454	+ 97
862	Surigao	9 48	125 29	6·0	..	1009·3	–1·2	302·1	305·4	16th	296·6	294·9	7th	299·3	299·0	+0·5	388	+ 27
863	Kolonie, Yap	9 29	138 8	29·3	..	1010·2	+0·6	301·6	302·5	14th	297·4	294·5	11th	299·5	299·5	+0·1	196	+ 49
864	Palau	7 20	134 29	31·8	1005·1	1008·7	–1·4	302·4	303·6	15th,24th	297·5	296·1	10th,11th	299·9	299·6	+0·3	107	–126
867	Ponape	6 58 N.	158 13 E.	38·9	1004·3	1008·8	..	302·1	303·1	6th,21st	297·6	295·8	10th	299·9	299·9	..	289	..

FEBRUARY - ZONE 9

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		S. °	W. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
902	Atafu	8 32	172 31	1·8	..	1008·9	..	302·5	303·9	18th	299·0	295·1	26th	300·7	*300·4*	..	273	..
920	Lambayeque	6 46	79 55	15	1009·9	1011·6	..	303·8	305·2	9th,11th	294·7	293·0	23rd	299·3	298·4	..	2	..
921	Quito	0 13	78 30	2816	727·4	..	–0·5	293·1	296·1	24th	280·6	275·6	15th	286·9	285·7	–0·1	89	– 39
923	Senna Madureira	9 4	68 40	135	994·2	1009·5	..	307·1	310·0	24th,26th	294·9	293·0	11,20,23	301·0	*299·1*	..	394	..
923a	São Gabriel do Rio Negro	0 8	67 5	85	1000·6	1010·3	..	304·2	307·9	11th	295·1	293·9	26th	299·6	*298·3*	..	267	..
924	Manaos	3 8	60 1	43·8	1005·5	1010·4	..	303·4	306·6	1st	295·3	293·9	20th	299·4	*299·0*	+0·1	240	+ 9
925	Parintins	2 38	56 44	18	..	..	..	..	..	..	..	..	..	..	..	..	338	..
926	Taperinha	2 30	54 20	21·5	1008·6	1010·8	–0·6	302·9	305·1	5th	295·5	293·1	10th	299·2	*298·6*	+0·6	246	– 28
927	Turyassu	1 43	45 26	9·1	1009·6	1010·7	–0·1	303·7	306·8	1,2,5	294·5	292·2	10th	299·1	*299·0*	+0·3	301	– 17
928	Barra do Corda	5 30	45 16	81·0	1001·9	1011·2	..	303·9	307·5	1st	294·3	292·6	23rd	299·1	*298·4*	+0·4	283	+ 96
929	¿Quixeramobim	5 16	39 15	199	989·1	1011·6	+0·1	304·2	306·3	1st	297·6	295·3	10th	300·9	*300·7*	+0·1	91	– 38
930	Fernando Noronha	3 50	32 25	106	999·6	1011·5	–0·2	301·7	303·0	11th,14th	297·3	295·0	26th	299·5	*299·0*	+0·3	107	+ 6
934	Ascension Island	7 56	W. 14 25	16·8	1010·5	1012·3	–1·0	303·3	305·2	20th	296·4	295·2	2,8,23	299·8	*299·4*	+0·2	3	– 8
939	Loanda	8 49	E. 13 13	59·3	..	1010·3	–0·5	305·0	308·1	28th	296·8	295·0	13th,14th	300·9	300·5	+1·7	152	+119
940	¿Brazzaville	4 17	15 16	320	..	..	..	308·7	309·0	..	292·5	291·0	..	300·6	..	+1·2	158	+ 7
942	Tshibinda	2 19	28 45	2115	..	..	..	294·7	296·5	18th	283·7	281·5	11th,24th	289·2	*289·6*	..	354	..
943	Masaka	0 20	31 44	1280	..	..	..	298·8	300·9	22nd	289·4	287·5	20th	294·1	*293·4*	..	113	+ 51
944	Nairobi (Kabete Obs.)	1 16	36 48	1818	819·8	1009·0	..	298·2	300·7	22nd	285·4	283·7	19th	291·8	291·0	..	1	..
944a	Zanzibar (Chukwani Palace)	6 15	39 13	21	1007·0	1009·4	..	305·1	307·8	22nd	297·8	295·4	1st	301·5	300·4	..	87	..
945	Afmadu	0 30	42 4	?	..	..	..	318·1	323·0	20th,28th	288·4	286·0	16th	303·3	..	..	0	..
947	Seychelles, Port Office	4 37	55 27	4·6	1009·7	1010·1	–1·2	302·2	303·6	22nd	297·2	295·8	3,4,11	299·7	*299·1*	–0·1	31	–289
957	Padang	0 56	100 22	6·7	..	1009·7	–0·9	303·2	304·6	28th	296·4	294·8	25th	299·8	*299·5*	0·0	247	– 11
958	Batavia	6 11	106 50	8·0	1008·3	1009·2	–0·7	302·5	304·4	19th	296·3	295·6	6th	299·4	298·8	+0·2	222	–104
958a	Pontianak	0 1	109 20	2·6	..	1010·1	0·0	304·8	307·1	20th	296·6	295·6	5th	300·7	*300·5*	+1·0	191	– 19
959	Pasoeroean	7 38	112 55	5·0	..	1008·1	–1·2	303·7	305·2	10th	296·7	295·1	9th	300·2	*299·3*	0·0	344	+ 65
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	431	– 16
962	Amboina	3 42	128 10	4·2	..	1007·7	–1·1	305·1	307·8	12th	297·9	296·5	16th	301·5	*300·9*	+1·0	85	– 34
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	163	– 86
965	Daru	9 4	143 13	7·6	..	..	..	303·9	..	..	297·2	..	..	300·6	*300·1*	+0·2	242	– 55
966	Port Moresby	9 29	147 9	38·4	..	1008·0	–0·8	304·4	..	..	297·7	..	..	301·1	*300·6*	+0·4	239	+ 29
967	Rabaul	4 9	152 12	12·5	1005·8	1007·2	–0·7	305·1	307·1	22nd	296·4	295·6	8th	300·7	*300·1*	+0·2	224	– 46
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	‡304·2	‡305·2	5,9,23	297·7	296·3	18th	‡300·9	‡300·6	+0·1	469	–190
970	Ocean Island	0 52	169 35	42·6	1003·5	1008·3	–1·5	305·6	307·4	12th	298·6	296·9	15,17,18	302·1	*301·5*	+1·2	19	–203
972	Funafuti, Ellice Is.	8 30 S. °	179 13 E. °	2·4 metres	1007·1 mb.	1007·3 mb.	.. mb.	304·3 °A.	307·4 °A.	2,7,10	298·8	293·6	28th	301·6 °A.	*301·2* °A.	.. °A.	423 mm.	.. mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks pages 105-15.

§No. of observations.

†Estimates not based on at least six equally spaced observations each day are in italics.

¿Change of normals, see Table of Authorities, pages 105-15.

††Mean latitude and longitude of the observations.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10°S. AND 20°S.

FEBRUARY - ZONE 10

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		S. °	W. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1001	Vavau	18 39	173 59	9·1	1007·3	1008·3	..	302·8	305·2	15th	296·6	289·7	25th	299·7	*299·3*	..	716	..
1002	Apia, Samoa	13 48	171 46	2·0	..	1008·1	–0·2	303·0	304·6	5th	296·9	295·4	24th	299·9	299·5	–0·1	577	+189
1003	Alofi, Niue Is.	19 2	169 55	19·8	..	1010·6	+0·8	303·9	305·8	5,11,12	296·0	293·6	3rd	299·9	*299·6*	+0·1	433	+179
1004	Pukapuka, Danger Is.	10 53	165 54	2·1	..	..	..	304·8	306·3	2nd	297·9	296·3	22nd	301·3	*300·8*	..	354	..
1005	Aitutaki, Cook Is.	18 53	159 46	3·0	..	..	..	303·8	308·6	11th	296·4	293·6	11th,12th	300·1	*299·6*	..	..	..
1007	Papeete (Hamuta)	17 32	149 33	5·0	1010·5	1011·0	..	304·0	306·5	25th	295·4	294·0	9th	299·7	*299·1*	..	180	..
1021	Lima	12 5	77 3	111	997·7	1010·5	..	301·7	304·4	8th	291·4	290·1	22nd	296·5	295·1	..	0	..
1022	Arica	18 28	70 20	29	1008·2	1011·6	..	300·8	302·0	Sev.dates	292·5	290·5	1st	296·7	*296·0*	+1·9	0	0
1024	La Paz, Bolivia	16 30	68 8	3658	658·4	..	+0·6	290·0	292·8	7th	279·0	278·0	10th	284·5	*283·0*	–0·4	145	+ 34
1025	¿Corumba	18 59	57 39	116	995·5	1008·6	+0·6	304·7	308·4	3rd	295·4	293·4	9th	300·0	*299·0*	–0·9	184	+ 53
1026	Cuyaba	15 36	56 6	165	990·7	1009·4	+0·3	304·8	309·0	4th	295·0	293·4	23rd	299·9	*298·8*	–0·2	231	+ 20
1027	Bello Horizonte	19 56	43 57	895	913·6	1011·2	–0·3	302·9	306·2	5th	291·8	290·6	7th	297·4	*296·3*	+1·1	153	– 72
1028	Caetite	14 3	42 37	997	914·9	1012·8	+1·1	302·8	304·4	20th	295·9	294·9	5th,18th	299·4	*299·1*	–0·3	55	– 59
1029	¿Ondina (Bahia)	13 0	38 31	64	1008·5	1012·8	+1·1	302·8	304·4	19th	296·4	294·3	25th	299·6	*299·6*	0·0	30	– 35
1030	¿Aracaju	10 55	37 3	6·1	1011·6	1012·4	–0·6	302·8	303·5	19th	296·4	294·3	25th	299·6	*299·6*	0·0	30	– 35
1035	¿St. Helena	15 57	W. 5 40	604	945·4	1014·1	–0·7	293·9	295·2	6,7.25	289·7	288·0	4th	291·8	*291·5*	+0·4	49	– 19
1039	Mossamedes	15 12	E. 12 9	12·5	1009·2	1010·7	..	302·0	304·8	28th	294·6	290·0	1st	298·3	..	..	23	+ 15
1041	Livingstone	17 50	25 49	972	904·4	1009·4	..	303·7	307·9	10th	290·6	287·1	6th	297·2	..	–1·1	45	– 75
1041a	Elisabethville	11 40	27 29	1230	874·2	1005·5	–1·7	299·7	303·0	11th	289·6	286·1	5th	294·6	..	–0·6	143	–100
1042	Gwelo	19 26	29 45	1411	861·3	1011·4	..	299·9	305·8	9th	287·7	282·4	6th	293·8	..	–0·4	58	– 78
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	851·9	1009·9	0·0	299·1	303·3	10th	287·1	283·6	5th	293·1	292·6	–0·5	136	– 37
1044	Zomba	15 23	35 18	955	903·7	1006·7	–0·9	299·8	302·4	18th,23rd	291·3	289·7	4th,6th	295·6	*294·9*	+0·4	126	–145
1045	Mossuril	14 57	40 40	15	..	1008·6	–0·9	304·2	307·7	24th	296·1	294·3	6th	300·1	299·9	–0·1	385	+122
1046	Antananarivo	18 55	47 33	1375	861·0	1007·8	–1·4	298·1	301·5	10th	289·5	286·3	24th	293·8	292·4	–0·5	181	–107
1046a	Tamatave	18 9	49 22	7	..	1009·6	..	302·6	306·9	2nd	296·4	294·4	23rd	299·5	*299·1*	..	827	..
1047	Vohémar	13 24	50 2	2	..	1009·0	..	..	..	..	..	..	..	..	..	..	74	..
1048	Antalaha	14 53	50 15	4	..	1009·9	..	304·5	307·0	6th,25th	295·8	294·5	18,19,20	300·1	*299·5*	..	374	..
1055	Cocos, Keeling Is.	12 5	96 53	4·6	..	..	..	303·5	305·2	22nd	298·4	296·4	3rd	301·0	*300·6*	+0·2	164	– 28
1057	Christmas Island	10 25	105 43	5·5	1006·0	1006·7	–0·9	303·6	304·7	3,13,23	297·8	296·3	27th	300·7	*300·3*	+0·3	267	– 35
1061	Koepang	10 10	123 34	45·1	..	1007·5	–1·3	303·5	305·2	21st	297·1	296·1	11th	300·3	*299·6*	+0·2	331	– 36
1061a	Derby	17 18	123 40	16·2	1004·4	1006·2	–1·4	310·1	315·1	8th	300·0	296·1	16th	305·0	..	+1·8	59	– 92
1062	Hall's Creek	18 13	127 46	373	964·8	1005·4	–1·7	310·7	314·1	12th	296·1	290·2	2nd	303·4	*303·0*	+0·7	74	– 42
1063	Darwin	12 28	130 51	29·6	1003·0	1006·4	+0·1	304·8	307·4	2nd	297·7	296·3	17th	301·3	*300·3*	–0·3	354	+ 28
1064	Daly Waters	16 16	133 23	211	980·8	1004·0	–1·5	308·2	314·1	28th	296·3	290·8	3rd	302·2	*301·8*	–0·5	81	– 78
1065	Palmerville	15 56	144 8	210	982·0	1005·4	–1·6	304·8	308·0	23rd	296·2	294·7	9th	300·5	..	–0·1	506	+252
1066	Georgetown, Queensland	18 22	143 32	302	973·6	1007·2	–0·8	304·2	309·1	26th	295·2	293·3	9th	299·7	..	–1·2	139	– 55
1066a	Willis Island	16 18	149 59	8·5	1005·4	1006·5	–0·6	303·7	305·2	20th	298·8	296·4	4th,6th	301·2	*301·6*	+0·4	262	+ 14
1067	Samarai	10 37	150 40	6·1	..	..	..	306·2	..	..	296·6	..	..	301·4	*301·1*	+0·6	148	– 57
1070	Vila, New Hebrides	17 44	168 19	57·0	1000·7	1007·2	..	302·6	304·0	6th	294·8	293·0	25th	298·7	*298·2*	..	278	..
1071	Rotuma, Fiji	12 30	177 0	27·4	1004·0	1007·1	..	303·3	305·2	3,6,14	297·0	294·7	18th	300·2	*299·9*	..	341	..
1072	Suva, Fiji	18 8 S. °	178 26 E. °	3·7 metres	1006·5 mb.	1006·9 mb.	–0·8 mb.	304·3 °A.	306·3 °A.	7,13,14	297·6 °A.	296·9 °A.	Sev.dates	300·9 °A.	*300·6* °A.	+1·1 °A.	318 mm.	+ 46 mm.

BETWEEN LATITUDE 20° S. AND 30° S.

FEBRUARY - ZONE 11 (AMERICA, AFRICA)

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		S. °	W. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1101	Nukualofa, Tonga	21 8	175 12	3·0	1008·7	1009·1	..	303·0	305·2	8,10,14	295·5	291·3	4,10,11	299·3	298·8	..	366	..
1105	Rarotonga (Avarua)	21 12	159 46	6·1	..	..	..	302·1	303·6	Sev.dates	294·6	291·9	3rd,13th	298·3	*298·0*	–0·8	205	– 46
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1011·0	1013·8	–0·4	293·4	297·0	11th	288·1	286·8	13th	290·7	*290·5*	–0·4	0	0
1122	Antofagasta	23 42	70 24	94	1001·9	1012·8	–1·5	297·5	300·0	10th,12th	291·1	289·0	28th	294·3	*294·1*	+0·2	0	0
1123	Catamarca	28 29	65 47	528	948·8	1007·0	–0·5	305·9	312·8	25th	292·3	287·0	12th,13th	299·1	*298·9*	+0·1	129	+ 72
1124	Salta	24 46	65 24	1173	880·9	1007·3	–0·9	299·1	304·2	2nd	289·2	285·6	13th	294·2	293·5	–1·1	206	+ 60
1125	Goya	29 9	59 15	37	1005·4	1009·6	–0·4	306·2	311·0	24th	293·2	286·7	14th	299·7	299·3	+1·0	37	– 69
1126	Asuncion	25 17	57 41	139	996·2	1011·9	+2·4	307·8	311·0	12th	295·4	290·7	5th	301·6	*300·3*	+0·2	157	+ 32
1127	Curityba	25 25	49 17	908	912·4	1012·2	0·0	299·9	305·7	3rd	289·8	285·4	6th	294·8	*293·6*	+0·5	230	+ 82
1128	Rio de Janeiro	22 54	W. 43 10	18·3	1009·9	1012·0	+0·3	300·7	307·8	3rd	296·1	294·6	6th,7th	298·4	298·5	–0·1	51	– 63
1139	Windhoek	22 34	E. 17 6	1727	829·1	1006·9	..	302·9	305·2	6th	291·2	289·5	12th	297·0	*296·3*	+1·5	30	– 51
1140	¿Okiep	29 36	17 52	933	909·0	1010·6	+0·7	304·1	312·0	5th	288·6	284·0	17th	296·3	*295·8*	+0·3	0	– 8
1141	Kimberley	28 44	24 46	1218	878·3	1006·9	–0·8	306·2	309·3	6th	291·2	288·0	3rd	298·7	298·6	+2·2	10	– 57
1141a	Johannesburg	26 11	28 4	1806	823·0	1010·8	–0·3	300·7	305·8	7th	286·8	280·3	5th	293·8	*293·3*	+2·1	34	– 99
1142	Bulawayo	20 9	28 35	1349	866·5	1010·3	+0·5	301·6	306·8	9th,10th	287·6	281·7	6th	294·6	294·1	+0·3	0	–101
1143	Durban	29 52	31 3	15·2	1012·4	1014·1	–1·6	300·9	304·2	13th	294·8	289·7	4th	297·9	*297·4*	+0·3	35	– 90
1144	Lourenço Marques	25 58	32 36	59·5	..	1012·8	–0·9	304·1	312·0	8th	294·7	291·5	4th	299·4	298·8	+0·4	87	– 50
1145	Tuléar	23 20	43 40	6	..	1008·6	..	305·6	310·0	21st	294·2	291·5	28th	299·9	..	..	3	..
1146	Fort Dauphin	25 1

FEBRUARY - ZONE 11 (AUSTRALIA)

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1004·3	1004·7	–1·7	307·2	311·9	8th	296·9	293·3	9th	302·1	..	–0·7	0	– 30
1160	Cue	27 27	117 52	454	957·7	1006·6	–1·8	313·9	319·1	11th, 12th	298·7	293·0	27th	306·3	..	+3·7	1	– 19
1161	Nullagine	21 53	120 5	386	962·5	1002·7	–3·5	314·0	317·4	11th	297·2	293·0	6, 10, 12	305·6	..	+1·6	7	– 55
1162	Laverton	28 40	122 23	466	957·0	1007·4	–3·4	312·2	318·6	12th	296·3	290·2	15th	304·2	*304·0*	+3·7	0	– 26
1163	Alice Springs	23 38	133 35	579	943·3	1005·8	–1·0	308·9	313·0	26th	292·7	286·3	24th	300·8	*301·0*	–0·1	21	– 18
1164a	Boulia	22 55	139 38	146	990·0	1006·2	–0·1	308·1	313·2	26th, 28th	294·3	290·8	22nd	301·2	*301·4*	–2·5	126	+ 81
1165	Thargomindah	27 58	143 43	123	994·4	1008·0	–0·8	309·1	316·3	13th	295·6	290·4	21st	302·3	*302·0*	–0·2	2	– 36
1166	Mitchell	26 32	147 52	336	971·5	1008·8	–1·2	306·7	312·4	13th	291·4	281·9	22nd	299·1	..	+0·1	39	– 42
1167	Rockhampton	23 24	150 30	11·3	1008·1	1009·4	–0·8	304·5	308·9	25th	295·6	293·0	5th	300·0	*299·4*	+0·3	42	–159
1168	Brisbane	27 28	153 2	41·8	1006·8	1011·3	–1·3	303·1	309·6	13th	292·7	288·7	23rd	297·9	*297·1*	+0·2	62	– 99
1170	Norfolk Island	29 4 S.	167 59 E.	14·9	1011·0	1012·8	–0·5	299·2	302·2	1st	292·9	289·1	13th	296·1	*295·7*	+0·9	58	– 79

FEBRUARY - ZONE 12

BETWEEN LATITUDE 30° S. AND 40° S.

1221	Juan Fernandez	33 37 S.	78 52 W.	6	1017·4	1018·1	+0·5	295·2	299·8	27th	288·5	285·6	24th	291·9	*291·8*	–0·3	55	+ 24
1221a	Punta Tumbes	36 37	73 6	120	1000·0	1014·4	+0·2	290·8	292·5	9th, 24th	284·6	281·0	12th	287·7	*287·5*	–0·5	8	– 1
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1008·8	1013·6	–0·6	295·3	299·0	12th	285·9	284·3	23rd	290·6	*290·2*	–0·4	3	+ 3
1222a	Santiago	33 27	70 42	520	953·1	1012·1	+0·1	300·8	304·3	4th	285·7	282·7	3rd	293·3	*292·9*	+0·7	16	+ 14
1223	Cordoba	31 25	64 12	423	961·6	1009·1	–1·0	303·6	308·5	11th	289·2	282·6	13th	296·4	296·0	+0·5	77	– 30
1224	Bahia Blanca	38 45	62 16	28·7	..	..	..	..	..	..	..	..	..	..	..	..	55	0
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1008·9	1011·8	–0·9	300·6	305·6	24th	289·9	282·2	13th	295·2	295·1	–0·4	106	+ 38
1226	Montevideo (Prado)	34 52	56 12	24·9	..	1013·4	+0·8	300·0	308·0	24th	289·2	283·2	14th	294·6	294·6	–0·9	80	+ 6
1226a	Porto Alegre	30 2	W. 51 13	23·5	1008·7	1011·4	–1·2	302·9	309·3	25th	292·7	286·6	15th	297·8	*297·3*	–0·3	84	+ 1
1239	Cape Town	33 56	E. 18 29	12·2	..	1013·4	+0·4	299·8	313·8	4th	288·8	284·8	18th	294·3	*292·8*	0·0	7	– *8*
1240	Klaver	31 47	18 37	41·8	1009·4	1014·2	–0·7	303·5	316·4	4th	288·7	284·7	24th	296·1	..	–0·9	3	– 3
1241	Riversdale	34 6	21 16	105	1001·7	1013·8	..	303·2	311·8	4th	288·4	281·9	23rd	295·8	..	+0·9	16	– 17
1242	ø East London	33 1	27 54	45·4	1008·3	1013·6	+0·2	297·1	305·5	12th	290·8	287·2	26th	293·9	..	–0·3	61	+ 2
1259	Perth (Observatory)	31 57	115 51	60·0	1003·4	1010·2	–3·1	305·4	317·6	8th	292·3	287·6	22nd	298·9	*298·3*	+2·6	3	– 8
1260	Katanning	33 42	117 35	310	975·8	1010·8	–3·4	306·3	317·6	8th	288·2	282·3	23rd	297·2	..	+2·9	8	– 6
1261	Coolgardie	30 57	121 10	423	963·2	1010·8	–1·5	309·3	318·0	11th	291·3	286·3	23rd	300·3	*300·1*	+2·7	1	– 21
1262	Eucla	31 45	128 58	4·6	1012·1	1012·6	–1·6	301·6	320·2	12th	289·9	282·4	7th	295·8	*295·1*	+1·2	2	– 16
1263	Streaky Bay	32 48	134 13	13·1	1011·4	1012·8	–1·5	304·2	316·2	12th	289·4	284·1	16th, 21st	296·8	*296·0*	+1·1	0	– 12
1264	Adelaide	34 56	138 35	42·7	1008·1	1013·2	–1·1	303·1	315·1	12th	288·7	283·4	1st	295·9	*295·4*	–0·4	5	– 13
1265	ø Melbourne	37 49	144 58	35·1	1007·8	1011·9	–2·6	298·1	310·3	27th	285·5	281·9	22nd	291·8	*291·4*	–1·2	6	– 38
1266	Bourke	30 13	145 58	110	999·7	1012·0	–0·6	309·4	317·4	13th, 14th	291·4	285·2	22nd	300·4	..	–1·0	4	– 36
1267	ø Sydney	33 51	151 13	42·1	1005·4	1010·3	–3·6	298·5	307·1	23rd	290·3	284·6	21st	294·4	*293·9*	–0·3	6	–101
1268	Lord Howe Island	31 20	159 0	4·9	1009·8	1010·4	–4·2	298·3	302·0	15th	291·4	285·6	12th	294·8	..	–0·9	41	– 75
1271	Auckland	36 51	174 48	40·8	..	1010·6	–4·6	296·8	299·1	18th, 19th	290·2	283·0	14th	293·5	..	+1·1	197	+120
1272	Napier	39 29 S.	176 55 E.	1·5	..	..	..	298·3	304·7	25th	289·1	285·8	7th	293·7	..	+2·5	56	– 15

FEBRUARY - ZONE 13

BETWEEN LATITUDE 40° S. AND 50° S.

1301	Chatham Island	43 57 S.	176 31 W.	45·7	1001·8	1007·2	–4·4	..	..	..	..	..	..	..	..	..	140	+ 81
1321	Isla Guafo	43 34	74 45	140	997·4	1014·2	–1·6	287·2	290·5	13th	283·1	280·0	20th	285·1	*285·0*	–0·5	166	+103
1322	Punta Galera	40 1	73 44	40	1010·9	1015·7	+0·1	289·7	291·8	9th	284·1	280·2	12th	286·9	*286·9*	+0·3	58	– 12
1323	Sarmiento	45 33	69 1	272	975·2	1007·0	–2·1	294·5	301·7	6th	283·5	278·3	4th	289·0	288·5	–1·5	19	+ 10
1324	Puerto Madryn	42 46	W. 65 2	14	1007·0	1008·7	–1·0	300·0	309·1	7th	286·1	279·5	12th	293·0	292·6	+0·3	9	– 3
1365	Launceston	41 27	E. 147 10	81·1	999·2	1008·6	–4·9	296·7	301·9	27th, 28th	282·3	278·6	23rd	289·5	*288·2*	–1·4	10	..
1366	ø Hobart	42 53	147 20	53·9	1001·0	1007·4	–5·6	292·2	298·0	13th	282·9	279·1	11th	287·6	*286·3*	–2·1	38	0
1369	Invercargill	46 25	168 21	3·7	..	..	..	291·6	300·8	22nd	282·1	275·8	6th	286·9	..	0·0	170	+ 94
1370	Alexandra	45 15	169 24	159	..	..	..	295·2	301·9	21st	283·6	279·4	6th, 28th	289·4	288·8	..	46	..
1371	Dunedin	45 52	170 31	6·1	..	1003·4	–9·3	292·5	297·4	14, 18, 21	282·8	276·9	11th	287·7	..	+0·5	50	– 21
1371a	Christchurch	43 32	172 39	7·6	..	1003·8	–9·7	295·9	303·5	1st	284·4	280·3	13th	290·2	..	+1·2	4	– 40
1372	Wellington	41 16 S.	174 46 E.	127	991·5	1006·5	–8·0	292·6	298·3	21st	286·8	283·0	7th	289·7	288·9	–0·3	95	+ 15

FEBRUARY - ZONE 14

BETWEEN LATITUDE 50° S. AND 60° S.

1421	Islota de los Evangelistas	52 24 S.	75 6 W.	55	994·3	1000·9	–1·8	284·9	288·5	5th	279·2	273·5	27th	282·1	*282·8*	+0·9	215	– 28
1422	Magallanes	53 10	70 54	8	997·7	998·7	–1·8	287·0	293·6	4th	279·1	273·8	26th	283·1	*283·0*	–0·2	81	+ 52
1423	Punta Dungeness	52 24	68 26	5	997·9	998·5	–1·8	288·4	293·5	2nd	280·9	278·0	25th	284·7	*284·2*	+0·6	35	+ 18
1424	Santa Cruz	50 1	68 31	13	1001·2	1002·8	–1·5	294·6	303·2	6th	281·0	269·2	11th	287·8	287·8	+0·6	9	0
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	999·9	–1·3	286·9	291·9	15th	278·1	274·7	6, 21, 28	282·5	..	+0·1	77	+ 21
1426	Cape Pembroke	51 41	57 42	21·3	997·5	1000·1	–1·2	285·7	291·3	15th	279·4	275·2	28th	282·6	282·6	0·0	..	..
1429	S. Georgia (Cumberland Bay)	54 16 S.	36 30 W.	4	993·0	993·5	–2·3	282·0	289·3	10th	275·2	271·0	15th	278·6	*278·0*	–0·4	117	+ 7

FEBRUARY - ZONE 15

BETWEEN LATITUDE 60° S. AND 70° S.

1527	South Orkneys	60 43 S.	44 47 W.	7	990·2	991·1	–0·5	274·5	280·0	3rd	271·1	267·8	27th	272·8	272·6	–0·7	62	+ 19
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

øChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE
FOR THE MONTH OF MARCH 1933
BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 90° N. AND 80° N.

MARCH - ZONE 0

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
047	Calm Bay	80 20	52 48	5·9	1019·5	1020·3	..	..	258·1	..	..	238·7	..	..	*250·6*	..	1	..

BETWEEN LATITUDE 80° N. AND 70° N.

MARCH - ZONE 1

101	Wrangel Insel	70 58 N.	178 33 W.	3·0	1024·2	1024·6	+1·5	256·8	271·0	..	247·8	239·0	..	252·3	*253·0*	+3·5	2	– 4
105	Barrow	71 23	156 17	4·6	..	1022·3	+0·1	251·1	268·0	9th	244·4	236·3	14th	247·8	..	+0·8	3	0
121	Pond Inlet	72 43	78 30	4·0	..	1019·6	..	248·7	263·6	15th	241·6	237·4	26th	245·1	*245·7*	+2·0	..	..
125	Upernivik	72 47	56 7	19·2	1011·8	1014·3	+1·9	260·0	273·4	13th	251·0	242·5	9th	255·5	*255·8*	+4·1	..	..
131	Myggbukta	73 29	21 34	3·2	..	1018·1	..	..	268·8	30th	250·3	235·2	21st	..	*255·9*	..	34	..
132	Scoresbysund	70 29	21 58	16·9	1012·4	1014·6	–0·3	266·5	272·0	8th	258·2	243·4	21st	262·3	*263·1*	+4·0	31	..
135	Jan Mayen	70 59	W. 8 18	23·1	1006·7	1009·6	–0·8	..	275·8	30th	267·4	262·4	20th	..	*269·8*	+1·1	31	– 3
139	Svalbard Radio	78 13	E. 15 38	53·0	1009·5	1016·6	+7·1	..	275·5	9th	255·4	247·1	4th	..	*258·9*	..	4	..
140	Björnoen	74 28	19 17	29·2	1007·5	1011·3	+4·1	..	276·1	10th	262·6	252·2	4th	..	*265·8*	+0·9	70	+ 34
141	Ingoy	71 4	24 9	4·3	1008·1	1008·6	+0·6	..	277·9	25th	267·8	262·7	17th	..	*269·8*	–0·8	89	+ 36
142	Sletnes	71 5	28 14	10·2	1007·2	1008·5	+2·2	..	276·0	11th	265·3	256·9	16th	..	*268·3*	..	99	..
143	Vardö	70 22	31 6	12·1	1007·1	1008·7	+1·8	..	276·8	25th	264·7	258·9	16th	..	*267·7*	–0·6	155	+101
147	Malye Karmakouly	72 23	52 44	15·3	1009·8	1011·9	+1·9	..	263·4	..	..	242·7	..	..	*252·9*	–4·7	3	– 9
148	Vaigatch	70 24	58 48	11·2	1009·1	1010·7	+1·2	253·3	268·0	..	244·8	235·8	..	249·1	*248·9*	–6·2	1	– 4
149	Russian Harbour	76 14	62 39	9·3	1013·2	1014·4	..	..	264·5	..	..	245·2	..	..	*254·2*	..	8	..
150	Cape of Desire (Zhelanya)	76 57	68 34	8·0	1015·8	1016·9	..	..	262·5	..	..	239·6	..	..	*250·7*	..	2	..
153	Dikson	73 30	80 23	13·0	1011·2	1013·0	+2·2	251·0	260·4	..	..	234·7	..	247·1	*247·1*	–1·9	6	+ 2
162	Bulun	70 45	127 47	35	1021·4	1026·4	+5·8	..	264·2	..	..	228·1	..	..	*243·8*	–3·2	..	..
165	Great Liakhov Is. (Cape Shalaurov)	73 11 N.	143 14 E.	7	1025·9	1026·9	..	..	253·3	..	..	234·7	..	..	*244·0*	..	1	..

BETWEEN LATITUDE 70° N. AND 60° N.

MARCH - ZONE 2

201	Cape Otto Schmidt	68 55	179 30	7·0	..	..	..	254·1	267·5	..	245·0	236·4	..	249·5	*249·3*	..	25	..
202	Savoonga	63 43	170 20	5·5	..	..	..	..	..	..	253·8	243·0	17th	..	..	..	3	..
203	Nome	64 30	165 24	6·7	1012·8	1013·5	+1·4	263·6	270·8	23rd	254·9	243·0	14th	259·3	*260·2*	–1·0	7	– 16
204	Bethel	60 45	161 47	11·6	..	1010·1	+2·0	265·8	276·3	24th, 27th	254·6	242·4	15th	260·2	..	–2·2	34	+ 13
205	Tanana	65 10	152 6	69·5	1006·8	1015·6	+1·3	264·0	271·3	11th	248·6	234·7	1st	256·3	*256·8*	–2·0	6	– 11
206	Rampart	65 30	150 15	114	..	..	..	262·9	272·4	31st	248·0	234·1	9th	255·4	..	–2·5	1	– 11
206a	Holy Cross	62 16	159 50	15·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
207	Cordova	61 31	145 36	13·1	..	1002·0	–4·4	277·0	280·8	11th	266·2	251·3	2nd	271·6	..	–1·5	131	– 90
208	Fairbanks	64 51	147 39	138	994·9	1013·9	..	267·9	280·2	15th	251·8	235·8	1st	259·8	*261·1*	–0·8	2	– 17
209	Dawson	64 4	139 29	324	975·1	1018·0	..	262·7	280·2	15th	249·2	232·4	3rd	255·9	*256·3*	–1·8	13	0
210	Aklavik	68 14	134 50	7·6	1020·8	1021·9	..	253·4	271·3	10th	246·3	235·2	13th	249·9	*250·2*	..	5	..
211	Fort Good Hope	66 15	128 38	65·2	1015·9	1024·9	..	257·8	274·7	28th	244·8	233·0	2nd	251·3	*251·6*	+1·5	11	– 6
212	Fort Simpson	61 52	121 15	126	1002·4	1019·3	..	263·1	273·0	17th	251·7	238·0	12th	257·4	*257·6*	+2·1	12	0
213	Hay River	60 51	115 57	161	997·6	1019·2	..	261·6	274·7	19th	249·3	230·8	8th	255·4	*255·8*	0·0	22	+ 9
214	Coppermine	67 49	115 10	4·6	1021·7	1022·3	..	248·9	261·3	17th	240·8	232·4	1st, 13th	244·9	*245·3*	..	50	..
218	Chesterfield	63 45	91 50	4·0	1019·5	1020·1	..	251·2	266·3	31st	243·0	230·8	10th, 11th	247·1	*247·1*	+1·5	11	..
221	Nottingham Island	63 7	77 56	16·5	1017·6	1019·8	..	258·4	269·1	31st	251·0	242·4	10th	254·7	*254·4*	..	16	..
223	Hope's Advance	61 5	69 33	73·2	1005·7	1015·5	..	260·0	269·1	17th	254·3	247·4	5th, 28th	257·2	*258·5*	..	67	..
224	Resolution Island	61 18	64 53	38·7	1008·0	1013·1	..	263·3	271·3	17th	258·1	246·3	5th	260·7	*260·7*	..	15	..
225	Jacobshavn	69 13	51 2	31·6	1005·9	1010·1	+0·1	263·8	278·5	12th	257·6	246·5	8th	260·7	*261·0*	+4·2	4	– 8
226	Godthaab	64 10	51 43	20	..	..	..	269·5	279·4	12th	262·8	256·1	7th	266·1	*266·6*	+1·3	1	– 44
227	Ivigtut	61 12	48 10	30·0	1000·7	1004·5	–0·1	271·5	277·5	11th	263·2	257·9	6th, 7th	267·3	*267·8*	–0·5	24	– 62
229	Angmagsalik	65 36	37 33	29·3	1001·5	1005·3	–1·4	272·1	278·3	25th	262·9	250·9	19th	267·5	*267·2*	+1·5	61	– 10
231	Stykkisholm	65 5	22 46	25	..	1001·8	–4·1	276·1	283·0	22nd	271·1	262·9	20th	273·6	*273·2*	+2·5	49	– 1
232	Vestmanno	63 24	20 17	122	..	998·6	–5·3	277·9	282·0	23rd	273·9	267·0	18th, 19th	275·9	*276·0*	+2·2	110	– 3
233	Grimsey	66 33	18 1	22	..	1003·4	–3·6	274·6	280·6	25th	270·8	262·2	20th	272·7	*272·7*	+3·0	..	..
233a	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	54	..
234	Teigarhorn	64 41	14 22	18	..	1002·6	–3·3	277·4	282·4	24th	272·6	265·6	21st	275·0	*274·9*	+3·2	244	+163
235	Höfsvig	62 3	6 45	22·9	1001·9	1004·7	–2·0	280·2	284·6	28th	276·6	269·2	21st	278·4	*278·6*	+2·5	108	– 16
236	Lerwick	60 9	W. 1 8	48·8	..	1007·8	+0·8	280·1	284·7	11th	277·0	271·9	20th, 21st	278·5	*278·6*	+1·2	66	– 14
237	Bergen, Fredriksberg	60 24	E. 5 19	44·4	1007·0	1012·5	+3·1	280·5	286·7	29th	274·7	269·2	4th	277·6	*277·6*	+1·9	106	– 15
238	Ona	62 52	6 33	14·6	1008·8	1010·6	+2·6	..	282·2	23rd	275·1	270·6	19th	..	*276·7*	+1·2	82	+ 9
239	Trondheim	63 26	10 25	59·2	1004·7	1012·1	+3·3	276·6	282·5	29th	270·4	263·3	19th	273·5	*273·6*	+1·4	74	+ 16
240	Bodo	67 17	14 26	17·0	1008·2	1010·3	+3·5	..	279·2	24th	268·8	263·8	3rd	..	*271·6*	+0·2	145	+ 87
241	Haparanda	65 50	24 9	9·2	1010·7	1011·9	+1·5	269·2	281·0	25th	259·3	243·0	7th	264·3	*264·5*	–0·4	14	– 12
242	Helsingfors	60 10	24 57	11·7	1013·4	1014·9	+2·4	274·1	282·4	29th	267·8	252·3	8th	270·9	*270·9*	+1·8	36	+ 1
242a	Kuopio	62 55 N.	27 40 E.	233	983·6	1013·3	+0·7	270·9	281·4	31st	263·8	254·0	18th	267·3	*267·3*	+0·2	29	– 6
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

MARCH - ZONE 2 cont. TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 70° N. AND 60° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
243	Kola	68 53	33 1	6·7	1008·6	1009·5	+1·2	266·7	276·8	25th	256·9	237·6	15th	261·8	262·4	−2·7	36	+ 25
244	Petrozavodsk	61 47	34 23	79·0	..	..	..	272·3	281·1	25th	264·5	250·0	7th	268·4	267·7	+0·3	17	− 14
245	Arkhangelsk	64 34	40 31	6·3	1009·8	1010·5	−1·7	267·6	277·2	21st	258·6	241·1	15th	263·1	263·3	−1·9	48	+ 28
246	Mezen	65 50	44 16	17·4	1008·3	1010·5	−0·2	264·6	276·3	25th	253·4	235·7	16th	259·0	259·1	−4·4	29	+ 20
247	Oust-Tsylma	65 25	52 18	73·8	1000·8	1010·8	−3·0	261·3	278·0	21st	251·5	234·6	15th	256·4	256·0	−6·1	20	+ 4
248	Tcherdyn	60 24	56 31	208	985·8	1013·0	−3·8	264·4	280·7	20th	254·7	242·3	16th	259·6	259·2	−5·7	22	− 6
249	Berezov	63 56	65 4	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249a	Yugor Strait	69 49	60 45	13·0	1008·2	1010·0	+0·4	253·1	269·9	..	243·5	231·5	..	248·3	249·1	−5·4	4	− 1
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	..	..	..	..	..	..	..	..	..	..	..	..	..	..
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Viliouisk	63 45	121 35	120	1007·9	1024·6	..	257·1	267·7	31st	241·4	229·6	27th	249·2	249·0	−3·6	5	− 2
262	Iakoutsk	62 1	129 43	108	1008·2	1023·4	+3·3	254·5	266·9	31st	235·9	225·0	27th	245·2	244·8	−5·7	1	− 4
263	Verkhoiansk	67 33	133 24	100	1005·0	1019·4	+1·9	..	..	..	230·8	219·3	1st	..	239·4	−2·6	10	+ 8
264	Petropavlovskoe	60 25	134 28	?163	998·2	1021·2	..	256·1	267·2	31st	237·3	227·4	6th	246·7	246·8	..	2	..
268	Naiakhan	61 55	158 59	29·0	1009·9	1013·7	..	..	..	..	256·4	247·4	22nd	..	260·4	..	43	..
271	Novo Mariinskii Post	64 45	177 33	17·2	1016·7	1019·0	−0·3	259·0	274·7	9th	251·1	235·4	21st	255·0	255·3	+1·5	7	+ 1
		N.	E.															

MARCH - ZONE 3 BETWEEN LATITUDE 60° N. AND 50° N.

		N.	W.															
302	St. Paul Island	57 15	170 10	5·8	..	1008·8	+2·0	270·5	276·3	27th	264·9	246·9	15th	267·7	..	−1·9	11	− 45
303	Dutch Harbor	53 55	166 30	4·0	1006·4	1006·8	+0·4	275·4	280·8	22nd, 23rd	270·3	260·8	16th	272·9	272·9	−0·9	29	− 97
305	Dillingham	59 0	158 28	24·4	..	..	..	270·8	277·4	10th	260·3	245·2	16th	265·5	..	−1·6	24	− 22
306	Kodiak	57 48	152 22	4·6	1003·7	1004·4	−1·3	275·8	281·9	11th	270·1	260·2	16th	273·0	273·3	−0·6	108	+ 19
309	Sitka	57 3	135 19	4·6	..	..	..	278·8	283·0	16th	271·2	262·4	2nd	275·0	..	−0·6	38	−105
310	Prince Rupert	54 18	130 18	51·8	1003·2	1009·6	−3·0	280·1	288·0	28th	273·2	268·0	1st	276·6	276·8	−0·3	175	− 61
311	Prince George	53 50	122 48	570	944·8	1014·9	..	278·4	286·3	27th	262·6	248·0	11th	270·5	270·6	−1.1	36	+ 3
312	Kamloops	50 41	120 20	385	969·4	1016·4	−2·7	280·8	286·9	26th	273·4	266·9	9th	277·1	277·0	+0·7	10	+ 2
313	Calgary	51 2	114 2	1079	886·1	1014·1	−2·0	275·7	286·3	30th	264·6	245·8	2nd	270·2	270·2	+0·9	5	− 12
314	Fort Smith	60 0	111 52	207	991·4	1018·7	..	266·2	284·7	30th	253·0	233·0	8th	259·6	259·8	+3·4	36	+ 26
315	Prince Albert	53 10	105 45	436	963·9	1019·7	+0·7	269·7	280·2	28th	258·2	236·9	9th	263·9	264·0	+0·8	19	− 3
316	Qu'Appelle	50 31	103 56	654	937·5	1018·4	−1·3	272·6	286·9	30th	262·8	243·0	9th	267·7	267·5	+3·5	13	− 13
317	Minnedosa	50 15	99 50	515	955·6	1021·1	+2·1	269·8	283·6	31st	259·2	241·3	8th	264·5	263·9	+0·7	4	− 13
318	Berens River	52 18	97 2	219	..	..	..	269·4	285·8	29th	254·7	238·6	15th	262·1	..	−0·1	40	+ 18
318a	Churchill	58 46	94 13	13·1	1021·9	1023·7	..	257·9	278·0	31st	247·8	234·7	11th	252·9	252·3	..	3	..
319	Pagwa	50 3	85 18	189	..	..	..	274·4	285·2	30th	259·2	236·3	18th	266·8	..	+5·7	28	− 16
320	Moose Factory	51 14	80 30	8·8	..	..	..	269·2	280·2	26th	251·7	237·4	17th	260·4	259·9	−0·5	..	..
320a	Moosonee	51 13	80 31	8·8	..	1020·0	..	266·3	279·1	30th	252·1	235·8	12th	259·2	258·8	..	25	..
321	Fort George	53 50	79 5	97·5	..	..	..	263·9	277·4	1st	249·8	233·6	12th	256·9	256·3	+1·1	..	..
322	Mistassini Post	50 30	73 55	383	..	..	..	268·2	278·0	28th	251·2	235·8	13th	259·7	..	−3·6	43	− 6
323	Fort Chimo	58 10	68 10	15·2	1014·9	1016·9	..	268·4	280·2	27th, 31st	253·0	241·3	15th	260·7	259·8	+4·1	..	..
324	Natashkwan	50 14	61 48	6·1	..	..	..	270·9	276·9	1st	261·6	253·0	12th	266·3	..	+2·2	71	− 5
326	Belle Isle	51 53	55 23	130	992·2	1008·9	−1·0	268·5	273·6	1st	264·0	255·8	12, 13, 14	266·3	266·2	+1·1	..	..
334	Valentia Observatory	51 56	10 15	13·7	1006·1	1007·8	−5·0	284·0	286·9	22nd	279·4	275·0	12th	281·7	281·9	+1·5	167	+ 56
335	Aberdeen	57 10	W. 2 6	26·0	1005·7	1008·9	−0·5	282·3	290·7	28th	276·4	271·6	21st	279·3	279·5	+2·2	51	− 9
336	Greenwich	51 29	0 0	..	..	1014·1	+0·8	286·2	291·9	29th	275·3	269·7	26th	280·7	280·4	+1·9	61	+ 17
337	Uccle	50 48	E. 4 22	100	1004·0	1016·2	+1·6	286·5	293·5	29th	276·0	270·5	21st	281·2	280·9	+2·7	48	− 13
338	De Bilt	52 6	5 11	3·0	1015·5	1015·9	+2·7	285·7	291·7	29th	274·9	269·6	14th	280·3	279·8	+2·2	45	− 5
338a	Hamburg	53 33	9 58	40·3	1013·0	1018·0	+5·2	283·6	290·6	17th	274·6	268·5	1st	279·1	278·8	+2·4	33	− 19
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1016·7	1017·3	+5·0	280·1	287·4	30th	273·8	270·7	2nd, 3rd	276·9	276·8	+2·9	34	− 2
340	Potsdam	52 23	13 4	84·9	1008·1	1018·6	+5·3	284·5	294·5	30th	273·5	264·1	1st	279·0	278·5	+1·7	19	− 23
340a	Uppsala	59 51	17 38	24	1011·9	1014·9	+3·5	277·3	287·7	28th	269·6	258·0	2nd	273·5	273·4	+2·7	29	0
341	Warsaw	52 13	21 3	88·3	1008·8	1020·0	+4·8	279·8	290·0	31st	272·7	264·3	3rd	276·2	275·9	+2·1	10	− 9
342	Tartu	58 23	26 43	80·8	1005·7	1016·0	+2·9	275·1	285·4	31st	268·2	253·3	8th	271·7	271·5	+1·7	28	+ 4
343	Leningrad	59 56	30 16	8·6	1013·9	1015·0	+2·1	273·7	283·3	31st	266·9	253·3	7th	270·3	270·0	+1·2	26	+ 3
344	Moscow	55 50	37 33	167·2	997·5	1018·8	+1·7	273·1	283·7	31st	265·3	244·7	1st	269·2	269·2	+0·5	6	− 25
345	Saratov	51 34	46 0	135	1003·6	1021·0	+1·5	270·2	279·4	31st	263·2	247·7	1st	266·7	266·8	+0·3	8	..
346	Kazan	55 47	49 8	82·4	1007·1	1017·8	−2·7	270·6	281·0	19th	261·4	245·7	4th	266·0	265·9	−0·9	13	− 9
347	Orenburg	51 45	55 6	109	1007·4	1021·7	−2·3	266·9	275·5	20th	259·2	243·1	1st	263·0	263·2	−2·0	5	− 18
348	Perm	58 1	56 16	159	993·6	1014·4	−5·3	268·4	280·0	22nd	257·5	244·8	17th	263·0	262·6	−3·3	44	+ 15
349	Sverdlovsk	56 50	60 38	281	978·3	1014·4	−6·8	269·1	280·6	23rd	259·1	247·5	17th	264·1	263·6	−2·0	7	− 3
350	Tobolsk	58 12	68 14	108	999·9	1013·1	−7·2	266·6	280·1	23rd	256·6	242·0	17th	261·6	261·0	−3·0	11	− 5
351	Akmolinsk	51 12	71 23	347	976·8	1022·6	−5·1	267·2	274·9	28th	258·0	239·8	1st	262·6	262·5	+0·6	9	− 4
352	Omsk	55 1	73 19	108	1003·6	1017·5	−6·5	265·6	275·7	22nd	256·0	242·8	4th	260·8	260·7	−0·5	6	− 2
353	Barnaoul	53 20	83 47	158	1004·2	1024·9	−2·9	268·7	283·3	28th	257·6	233·1	2nd	263·2	263·0	+0·3	24	+ 10
354	Tomsk	56 30	84 58	123	1006·0	1022·2	−2·8	266·8	278·7	28th	255·0	235·5	2nd	260·9	260·7	−1·7	30	+ 6
355	Minousinsk	53 43	91 41	249	994·6	1028·0	+0·2	265·2	280·3	28th	247·8	226·1	3rd	256·5	256·7	−6·4	19	+ 14
356	Eniseisk	58 27	92 10	78	1012·6	1023·0	−0·1	267·5	279·1	29th	253·2	229·8	1st	260·4	260·2	−2·2	5	− 8
357	Irkutsk	52 16	104 19	467	968·0	1028·6	+1·3	269·3	282·7	29th	253·5	235·7	1st	261·4	261·2	−1·7	5	− 2
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	665	940·7	1025·5	+1·5	269·5	284·9	31st	252·4	239·7	7th	261·0	260·7	−0·3	2	− 1
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N. MARCH - ZONE 3 cont.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
361	Tygan Ourkan	54 5	124 46	379	972·0	1022·1	+1·7	264·4	275·6	28th	249·1	241·4	25th	256·8	257·4	−1·8	1	− 4
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	1000·4	1019·0	+0·2	267·3	279·2	28th	256·1	247·2	5th	261·7	261·6	−2·0	2	− 6
364	Chantar Bolchoy	54 50	137 30	?20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1009·6	1015·3	+1·3	263·6	270·5	27th	250·9	241·6	4th	257·2	257·0	−3·0	8	− 9
366	Okhotsk	59 21	143 17	5·5	1012·2	1012·9	−2·7	264·5	270·6	13th	254·3	246·9	25th	259·4	259·4	+0·7	5	+ 1
368	Petropavlovsk (Phare)	52 53	158 43	87·1	993·0	1004·1	−3·1	269·5	272·9	26th	263·7	257·7	10th	266·6	266·7	+0·6	48	−39
369	Kluchevskoye	56 21	160 48	23·5	1005·9	1008·9	..	..	..	..	257·9	244·0	22nd	..	263·3	..	21	..
370	Nikolskoe	55 12	165 59	6·8	1003·1	1004·0	..	..	..	..	267·6	259·8	6th	..	270·2	..	23	..
		N.	E.															

BETWEEN LATITUDE 50° N. AND 40° N. MARCH - ZONE 4

		N.	W.															
411	Victoria, B.C.	48 24	123 19	69·5	1006·4	1015·0	−1·1	282·3	285·8	26th	277·1	274·1	9th	279·7	279·4	+0·3	48	−14
412	Portland, Oregon	45 32	122 41	46·6	1012·2	1017·6	+0·5	285·2	290·2	19th	277·5	273·6	23rd	281·3	280·9	+0·4	130	+ 8
413	Macleod	49 44	113 24	953	..	..	..	277·6	285·8	17th	267·3	249·7	9th	272·5	272·5	+1·6	31	+10
414	Helena	46 34	112 4	1257	871·6	1015·9	0·0	280·7	288·6	28th	270·2	258·6	9th	275·4	275·4	+2·5	6	−14
414a	Salt Lake City	40 46	111 54	1328	867·9	1017·6	+1·5	283·0	293·6	28th	272·8	265·2	5th	277·9	278·1	−0·3	37	−15
415	Cheyenne	41 8	104 48	1857	809·7	1014·9	+0·5	281·1	291·3	28th	268·7	261·3	23rd	274·9	275·3	+1·4	22	− 1
416	North Platte	41 8	100 45	860	914·3	1014·9	−1·6	284·4	299·1	29th	270·8	264·1	20th	277·6	277·7	+2·4	16	− 5
416a	Bismarck	46 47	100 48	510	955·6	1017·9	−0·2	278·3	290·8	31st	266·7	254·1	9th	272·5	272·3	+4·0	17	− 9
417	Winnipeg	49 53	97 7	232	990·5	1020·6	..	270·4	281·9	31st	259·0	244·7	9th	264·7	264·5	+1·1	12	−17
418	Duluth	46 47	92 6	345	975·6	1018·6	+0·7	272·7	279·7	26th	264·4	248·0	9th	268·6	268·2	0·0	20	−20
419	Port Arthur	48 27	89 12	196	994·1	1019·2	+1·9	271·9	278·6	31st	262·7	248·6	9th, 10th	267·3	267·0	+1·4	29	+ 7
420	Chicago	41 47	87 35	205	991·5	1016·9	0·0	278·0	293·6	31st	271·8	258·6	10th	274·9	274·7	−0·7	103	+37
421	Toronto	43 40	79 24	116	1001·0	1015·6	−2·0	275·6	281·3	17th	270·0	260·2	10th	272·8	272·6	+1·1	45	−16
422	New York (Central Park)	40 47	73 58	47·4	1008·2	1014·1	−2·3	279·9	288·0	17th	273·1	264·1	11th	276·5	276·2	−0·2	154	+57
423	St. John, N.B.	45 17	66 4	36·3	1006·1	1010·7	..	274·5	280·8	29th	266·9	257·4	11th	270·7	270·3	−0·3	83	−32
424	S.W. Point, Anticosti	49 24	63 33	9·1	1008·1	1009·3	..	270·5	277·4	1st	263·3	256·3	13th, 14th	266·9	267·3	0·0	46	0
424a	Sable Island (Main Station)	43 57	60 6	7·6	1007·3	1008·3	..	275·3	280·8	21st	270·9	265·2	11th	273·1	273·1	0·0	79	−34
426	St. John's, Newfoundland	47 34	52 42	74·1	997·9	1007·3	−3·0	272·8	280·2	9th, 30th	267·8	262·4	13th, 27th	270·3	270·4	−0·3	62	−55
435	Madrid	40 24	3 41	667	940·6	1018·9	+1·9	287·1	291·3	22nd	278·1	273·0	8th	282·6	281·1	+1·0	65	+29
436	Nantes	47 15	W. 1 34	36·5	1011·1	1015·5	+0·6	287·4	291·3	12th	277·7	272·9	21st	282·6	282·2	+2·0	54	− 9
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1010·9	1017·1	+2·1	287·2	293·4	28th	276·2	272·2	21st	281·7	281·6	+2·3	33	− 5
438	Marseille	43 18	5 23	75	..	1017·6	+4·1	288·5	291·7	29th	279·2	274·5	22nd	283·9	283·4	+0·4	45	− 2
438a	Zürich	47 23	8 33	493	959·7	1018·9	+3·1	285·1	293·2	30th	274·4	270·3	24th	279·7	279·0	+1·8	45	−30
439	Rome	41 54	12 29	45·5	1012·5	1018·1	+4·9	288·8	292·1	30th	279·9	273·6	24th	284·3	284·1	+0·8	55	−18
440	Vienna	48 15	16 22	203	995·1	1020·1	+5·3	282·3	291·8	29th	274·2	266·4	1st	278·2	278·0	+0·7	6	−41
440a	Budapest	47 31	19 1	130	1003·3	1019·4	+4·3	285·6	293·9	29th	275·7	269·6	2nd	280·7	279·9	+1·3	40	− 6
441	Sofia	42 42	23 20	550	954·0	1020·5	+2·7	282·4	290·3	6th	272·8	267·4	3rd, 14th	277·6	277·2	−0·9	21	−21
442	Bucharest	44 25	26 6	82	1010·1	1020·3	+4·3	282·6	294·0	18th	273·0	257·4	13th	277·8	277·2	−0·8	50	+ 8
443	Odessa (Observatory)	46 26	30 46	42·8	..	..	..	277·6	286·5	16th	271·2	261·3	1st	274·4	274·0	−1·2	23	− 4
444	Novorossiisk	44 44	37 49	37·1	1014·2	1018·8	+2·2	281·3	291·9	24th	274·7	265·6	3rd	278·0	277·8	−1·3	125	+74
445	Tiflis	41 43	44 48	404	970·6	1019·5	+0·7	283·5	289·8	22nd	274·3	267·0	5th	278·9	278·5	−1·2	24	− 5
446	Astrakhan	46 21	48 2	−20	1023·5	1021·0	+0·5	277·2	287·0	18th	267·2	254·0	5th	272·2	271·5	−1·9	10	− 1
447	Fort Alexandrovsk	44 31	50 7	−23·0	1024·2	1021·4	+1·7	278·1	287·8	25th	271·0	263·2	10th	274·6	274·3	−1·1	6	− 4
448	Krasnovodsk	40 0	52 59	− 7·4	1020·6	1019·7	+1·3	282·8	288·8	26th	276·6	271·1	10th	279·7	279·4	−2·2	25	+ 6
449	Kasalinsk	45 46	62 7	66·7	1013·6	1022·2	−0·2	273·2	281·5	25th	263·5	247·5	1st	268·4	268·3	−1·8	10	− 3
450	Tashkent	41 20	69 18	479	962·0	1019·9	−0·4	283·4	294·4	31st	272·5	256·1	12th	278·0	277·6	−3·1	123	+60
451	Andijan	40 44	72 20	496	960·4	1020·1	..	283·8	292·9	16th	274·3	265·6	11th	279·0	278·8	..	56	..
452	Alma Ata	43 16	76 55	848	921·5	1024·1	+0·8	276·0	288·1	31st	267·2	255·0	12th	271·6	271·6	..	38	−17
459	Peiping	40 0	116 22	84·5	1016·7	1027·4	..	281·1	294·3	31st	268·4	259·6	7th	274·7	274·9	..	13	..
461	Fengtien (Moukden)	41 47	123 24	44·3	1017·5	1023·2	+2·1	274·4	288·6	31st	262·0	248·0	6th	268·2	268·2	−3·8	29	+10
462	Joshin	40 40	129 12	31·9	1016·4	1020·6	+2·3	276·0	287·6	20th	267·8	257·9	6th	271·9	271·7	−1·9	7	−14
463	Yuki	42 20	130 24	63·8	1011·8	1019·9	+1·6	274·5	287·7	31st	265·9	256·0	6th	270·2	270·1	−1·5	2	−21
464	Vladivostok	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
465	Ochiai	47 20	142 47	27·4	1010·4	1013·9	+1·2	269·8	279·3	30th	257·8	246·4	8th	263·8	264·1	−1·3	16	−15
466	Nemuro	43 20	145 35	26·7	1010·3	1013·8	+0·3	272·0	278·5	31st	264·8	258·4	10th	268·4	268·9	−1·6	118	+63
466a	Syana	45 14	147 53	39·3	1008·2	1013·2	+0·6	270·2	278·7	31st	260·1	251·5	9th	265·1	265·6	−2·8	50	−12
		N.	E.															

BETWEEN LATITUDE 40° N. AND 30° N. MARCH - ZONE 5 (AMERICA)

		N.	W.															
511	San Francisco	37 48	122 26	47·2	1013·5	1019·3	+1·1	289·7	295·8	19th	282·4	279·7	23rd	286·0	285·1	+1·4	74	− 6
512	Sacramento	38 35	121 30	20·1	1016·6	1018·6	+1.9	290·5	296·9	19th	280·4	276·3	22nd	285·4	285·7	0·0	37	−34
513	San Diego	32 43	117 10	26·5	1014·2	1017·3	+0·5	291·2	299·7	20th	282·7	280·2	26th	286·9	286·7	+0·3	3	−35
514	Modena	37 48	113 54	1668	832·4	1014·9	+0·4	284·5	293·0	31st	269·3	265·2	5th	276·9	277·0	+0 4	7	−20
515	Santa Fé	35 41	105 57	2138	784·9	1012·8	+0·3	285·1	291·9	28th	271·7	263·0	5th	278·4	278·7	+1·3	7	−13
516	Denver	39 45	105 0	1613	834·1	1013·2	−0·2	285·7	294·1	31st	272·6	266·3	6th	279·1	279·3	+2·3	34	+10
517	Abilene	32 23	99 40	530	953·2	1014·5	−0·9	295·2	304·7	13th	281·4	272·4	20th	288·3	287·7	+2·1	18	−11
518	Saint Louis	38 38	90 12	173	995·6	1016·6	−0·8	285·1	302·4	13th	275·2	263·0	10th	280·1	279·7	+0·3	125	+36
519	Mobile	30 41	88 2	17·4	1016·2	1017·9	0·0	293·2	299·7	23rd	284·2	274·7	21st	288·7	288·5	+0·3	162	− 2
520	Nashville	36 10	86 47	166	998·3	1018·3	0·0	287·8	299·7	14th	277·3	268·6	10th	282·5	282·7	−0·2	156	+26
521	Charleston	32 47	79 56	14·6	1016·6	1018·3	−0·2	291·8	301·3	15th	283·3	275·2	3rd	287·6	287·7	+0·4	25	−61
522	Washington	38 54	77 3	34·1	1011·5	1015·9	−2·0	283·4	296·3	14th	274·8	266·3	11th	279·1	279·0	0·0	82	−15
523	Bermuda	32 22	64 40	48·2	..	1017·0	..	293·0	296·9	21st	287·4	283·6	3rd, 25th	290·2	289·8	+0·1	66	−55
		°N. ′	°W. ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*

MARCH - ZONE 5 (EUROPE, AFRICA, ASIA)

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	Mean at M.S.L.	Diff. from Normal	TEMPERATURE Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean*	Diff. from Normal	PRECIPITATION Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 8	40	1011·8	1017·3	−1·9	290·6	294·7	13th	285·6	279·9	22nd	288·1	288·1	+0·8	146	− 13
531	Horta	38 32	28 38	65	1010·5	1018·4	−2·6	290·1	292·5	25th	285·1	279·8	22nd	287·6	287·7	+0·3	119	+ 30
532	Ponta Delgada	37 44	25 40	22	1017·2	1019·9	−0·7	289·8	291·4	26th	286·4	281·5	25th	288·1	288·3	+1·2	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	120	+ 4
533	Madeira (Funchal)	32 38	16 55	25	1018·8	1021·8	+2·9	292·1	294·3	20th	286·9	285·0	11th,23rd	289·5	*289·6*	+1·2	34	− 53
535	Lisbon	38 43	9 9	95	1007·1	1018·6	+2·6	288·9	294·0	21st	283·2	280·0	8th	286·0	286·0	+0·6	102	+ 15
536	Gibraltar	36 6	5 21	27·4	..	1019·0	+1·8	291·2	294·1	7th,20th	283·6	281·3	16th	287·4	*286·7*	+0·2	126	+ 6
536a	Colomb-Béchar	31 37	W. 2 13	769	929·2	1017·3	+2·8	293·0	300·6	23rd	281·6	277·0	28th	287·3	*286·5*	−0·6	22	+ 13
537	Palma	39 34	E. 2 39	23	1015·0	1017·8	+2·2	290·2	295·0	19th	279·6	275·4	23rd	284·9	*283·9*	−0·8	29	− 10
538	Algiers	36 46	3 13	59	1011·2	1018·3	+2·0	290·0	297·9	4th	284·6	282·1	26th	287·3	287·1	+0·4	52	− 25
538a	Gadames	30 8	9 30	361	..	..	..	299·3	310·2	25th	281·2	278·0	23rd,28th	290·3	..	+0·1	7	+ 6
539	Tunis	36 48	10 10	66	1009·7	1017·7	+2·5	289·4	298·3	4th	281·6	275·3	23rd	285·5	*285·5*	0·0	58	+ 9
540	Malta	35 54	14 31	71·2	..	1016·9	+3·1	288·6	291·9	5th	284·3	280·8	22nd,23rd	286·5	*285·7*	−0·4	5	− 33
541	Athens	37 58	23 43	107	1005·2	1018·3	+4·0	287·0	293·8	20th	279·7	273·9	14th	283·4	282·8	−1·6	11	− 22
542	Alexandria	31 12	29 53	32	1012·1	1015·9	+0·5	294·6	305·3	1st	285·2	281·0	16th	289·9	*289·0*	−0·1	4	− 7
543	Ankara	39 58	32 48	861	916·0	1017·9	+1·7	282·4	290·7	22nd	270·6	262·7	4th	276·5	*276·1*	..	19	..
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1014·3	−0·2	290·5	295·8	8th	279·3	274·1	4th,15th	284·9	..	−0·8	22	− 13
544	Beirut	33 54	35 28	33·7	..	1014·3	−0·6	291·7	296·3	11th	284·9	281·0	16th	288·3	*288·1*	−0·2	73	− 16
545	Hinaidi	33 17	44 29	32·9	1009·8	1013·7	−0·4	294·2	298·0	9,11,25	281·6	275·2	5th,6th	287·9	*287·8*	−1·4	16	+ 7
546	Lenkoran	38 46	48 51	−20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	Tehran	35 41	51 25	1220	..	..	..	286·8	292·4	25th	276·1	270·2	5th	281·4	*281·6*	−1·2	28	− 21
548	Meshed	36 17	59 36	946	..	..	..	284·9	295·2	13th	..	..	..	..	..	..	60	+ 3
549	Seistan	31 2	61 30	2610	958·0	..	..	296·6	304·7	31st	280·6	273·6	11th	288·6	..	−0·1	3	− 7
550	Quetta	30 10	67 1	1647	835·4	..	−1·1	290·3	296·3	16th	275·3	270·8	26th	282·8	*283·0*	−0·8	34	− 13
551	Peshawar	34 1	71 35	355	973·7	1015·4	−0·1	297·3	304·1	16th	283·9	279·7	10th	290·6	*290·2*	+0·2	69	+ 12
551a	Lahore	31 35	74 20	214	988·0	1013·0	+0·3	300·5	306·9	17th	285·2	280·2	10th	292·8	*292·5*	−1·1	20	− 2
552	Simla	31 6	77 10	2202	781·9	..	+0·9	287·4	292·4	15th,18th	279·7	267·4	25th	283·5	*283·7*	+0·4	55	− 13
552a	Leh	34 9	77 34	3503	665·9	..	+1·1	278·3	284·7	19th	265·7	258·0	1st	272·0	*271·3*	−1·3	12	+ 5
558	Sian	34 31	109 5	365	973·3	1017·2	..	287·7	301·5	17th	276·4	270·0	6th	282·0	281·1	..	35	..
559	Hankow	30 35	114 17	39·1	1017·5	1022·3	+0·7	287·0	303·1	20th	278·4	270·8	6th	282·7	*282·6*	−0·8	51	− 41
560	Tientsin	39 9	117 9	6·4	1023·5	1024·0	+1·9	282·0	297·2	31st	269·7	260·4	6th	275·9	*275·5*	−2·3	14	+ 4
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1021·1	1021·9	+0·6	284·8	303·0	20th	276·3	271·5	12th	280·5	279·8	−1·1	67	− 17
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1013·2	1022·1	+1·5	278·3	286·0	21st	270·2	261·0	6th	274·3	273·7	−2·1	12	− 16
562a	Nagasaki	32 44	129 52	133	1002·5	1018·7	−0·2	285·5	291·7	19th	‡77·1	271·4	7th	281·3	‡80·8	−1·3	128	− 4
563	Kyoto	35 1	135 44	42·9	1012·6	1017·9	+0·1	283·4	290·4	30th	273·9	269·5	4th	278·7	278·2	−1·0	158	+ 45
564	Tokyo	35 41	139 46	5·8	1014·7	1015·4	−1·0	282·6	292·2	23rd	275·0	269·4	14th	278·8	278·8	−1·1	134	+ 22
565	Hukusima	37 45	140 28	68·5	1008·1	1016·7	+0·2	280·0	‡88·4	30th	271·1	267·0	4th	275·5	275·3	−1·6	73	0
566	Miyako	39 38	141 59	30·4	1011·7	1015·5	−0·1	279·0	286·1	30th	269·2	262·2	6th	274·1	273·4	−2·2	81	− 7
		N.	E.															

MARCH - ZONE 6 (AMERICA, AFRICA)

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	Mean at M.S.L.	Diff. from Normal	TEMPERATURE Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean*	Diff. from Normal	PRECIPITATION Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 13	177 22	5·8	1018·7	1019·4	..	297·3	299·1	30th	..	..	..	..	..	..	39	− 59
605	Honolulu	21 19	157 52	11·6	1016·9	1018·3	+1·0	297·2	298·6	18th	292·5	291·3	7th	294·8	*294·7*	0·0	99	+ 6
613	Guaymas	27 55	110 53	8·3	1012·5	1013·5	−1·1	301·0	305·5	11th	289·2	284·8	8th	295·1	*294·8*	+1·0	0	− 4
614	La Paz, Mexico	24 10	110 20	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..
615	Leon	21 7	101 41	1809	818·4	1006·2	−2·8	301·8	305·5	28th	282·8	278·5	21st	292·3	*291·9*	+0·6	3	− 8
616	Monterry	25 40	100 18	528	952·6	1012·3	−1·3	300·3	308·4	18th	288·3	281·2	1st	294·3	*293·3*	+1·3	23	+ 4
617	Tulancingo	20 5	98 22	2181	789·1	..	−0·1	299·0	302·8	14th	280·1	274·4	1st	289·5	*287·9*	−0·1	6	− 17
618	Galveston	29 18	94 50	16·5	1014·2	1016·2	−1·0	292·8	299·7	31st	287·8	278·0	20th	290·3	*290·4*	+0·5	140	+ 71
618a	New Orleans	29 57	90 4	16·2	1015·9	1017·6	+0·3	295·2	301·3	18th	286·3	278·0	21st	290·7	*290·3*	+0·4	156	+ 41
619	Merida, Yucatan	20 58	89 38	22	1012·1	1014·6	−0·6	304·5	308·2	19th	293·8	290·0	22nd	299·1	*298·6*	+0·7	0	− 32
620	Havana	23 7	82 25	77·0	1007·3	1016·2	−1·1	300·3	304·2	17th	292·8	288·4	5th	296·5	296·2	+0·6	68	+ 19
620a	Key West	24 33	81 48	6·7	1016·9	1017·6	−0·2	299·0	303·0	20th	293·5	288·0	3rd	296·2	*295·8*	+0·5	52	+ 18
621	Nassau, Bahamas	25 5	77 20	5·4	..	1019·8	+1·6	299·8	303·0	29th	294·1	290·8	3rd,6th	296·9	*296·7*	+1·1	0	− 39
622	San Salvador (Watling Island)	24 6	74 26	33·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
633	Port Etienne	20 56	17 3	4	..	..	..	..	..	..	..	..	..	..	‡*291·5*	..	0	0
634	La Laguna	28 28	16 20	547	954·9	1018·6	+0·6	290·6	295·3	8th	282·7	279·0	18th	286·7	*286·1*	−0·5	15	− 51
634m	Izana	28 19	16 30	2367	769·5	..	+3·2	283·9	288·4	9th	276·3	271·3	31st	280·1	*280·0*	+2·4	2	− 52
636	Adrar	27 52	W. 0 17	285	982·1	1015·1	..	298·7	305·0	22nd	282·9	279·0	9th,17th	290·8	*291·9*	..	0	..
638	Tamanrasset (Fort Laperrine)	22 47	E. 5 31	1350	863·2	1009·6	+0·8	295·7	298·8	24th	280·6	275·8	1st	288·1	289·1	−2·7	0	− 1
639	Gat	24 58	10 11	566	..	..	..	300·7	306·4	29th	286·0	282·2	18th	293·3	*292·8*	..	0	..
640	Hon	29 8	15 56	207	..	..	..	‡301·1	‡308·2	15th	279·5	274·4	24th	‡290·3	..	..	14	..
641	Giarabub	29 44	24 31	15	..	..	..	297·4	306·1	27th	283·9	280·0	13th	290·7	*291·1*	..	4	..
642	Siwa	29 12	25 29	−15	1017·8	1016·0	−1·7	296·4	305·8	27th	279·4	276·0	6th	287·9	*287·8*	−1·5	0	− 2
643	Cairo (Helwan)	29 52	31 20	116	1001·1	1014·8	−0·6	296·9	305·0	1st	284·9	281·4	15th	290·9	290·5	+0·4	0	− 6
643a	Aswan	24 2	32 53	100	1000·8	1012·3	−1·4	304·4	311·0	1st,30th	287·9	282·6	5th	296·1	*295·2*	+1·1	..	..
644	Tor	28 14	33 37	1·9	1012·6	1012·8	−0·8	297·6	306·5	11th	286·5	280·5	6th,16th	292·1	*292·1*	+1·0	0	− 2
		N.	E.															

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

MARCH - ZONE 6 (ASIA)

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	Mean at M.S.L.	Diff. from Normal	TEMPERATURE Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean*	Diff. from Normal	PRECIPITATION Total	Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	28 59	50 49	4·3	1012·3	1012·8	..	295·7	301·9	1st,13th	287·3	280·2	17th,31st	291·5	*290·9*	−0·1	34	+ 9
648	Jask	25 45	57 45	4·0	1012·7	1013·2	..	299·8	301·3	4th	292·0	289·1	11th	295·9	*295·3*	+0·1	1	− 20
649	Manora (Karachi)	24 48	66 59	4·0	1012·8	1013·4	+0·1	300·8	303·6	11th,27th	292·7	288·6	10th,26th	296·8	*296·2*	+0·3	0	− 8
650	Jacobabad	28 17	68 29	56·7	1005·5	1012·1	−0·2	304·4	309·1	17th	287·9	283·0	10th,11th	296·2	*295·7*	−0·8	6	− 1
651	Jaipur	26 55	75 50	436	964·4	1013·6	+0·9	305·4	309·1	17th,18th	288·9	281·9	1st	297·2	*297·2*	+0·3	6	− 3
652	Nagpur	21 9	79 7	310	977·1	1012·0	0·0	308·9	312·4	27th	292·9	288·0	5th,6th	300·9	*300·5*	−0·1	42	+ 29
653	Allahabad	25 26	81 50	94·2	1000·6	1011·5	−0·4	307·1	310·8	4 days	290·5	283·6	1st,2nd	298·8	*298·4*	+0·9	7	− 1
653a	Darjiling	27 3	88 16	2265	776·0	..	+0·4	287·4	291·3	24th	280·0	276·3	1,2,5	283·7	*283·9*	+1·4	0	− 52
654	Calcutta	22 32	88 20	6·4	1010·7	1011·5	−0·2	307·1	310·8	31st	294·4	288·0	2nd,3rd	300·7	*300·3*	+1·1	2	− 35
655	Gauhati	26 11	91 45	55·5	1004·5	1011·0	−1·4	305·5	309·1	31st	289·1	284·7	1st	297·3	*296·4*	+1·9	0	− 58
655a	Akyab	20 8	92 55	8·8	1010·8	1011·8	−0·6	304·3	306·3	8,13,29	292·7	287·4	3rd	298·5	*298·6*	−0·3	0	− 12
655m	Cherrapunji	25 15	91 44	1313	869·6	..	+0·3	294·9	299·1	31st	286·6	281·3	1st	290·7	*290·0*	+1·6	27	−212
656	Mandalay	21 59	96 6	76·2	1001·9	1010·6	−1·1	309·9	312·4	27th,29th	293·9	289·1	8th	301·9	*301·5*	+0·6	5	0
656a	Tengyueh	25 0	98 40	1634	834·8	1009·7	..	295·6	298·0	27th	278·1	274·0	7th	286·9	287·2	+0·8	3	− 37
657	Phu Lien	20 48	106 38	116	..	1014·4	0·0	293·6	298·9	26th	289·3	284·5	12th,13th	291·5	291·0	−1·0	86	+ 41
658	Moncay	21 31	107 58	9·0	..	1014·4	−0·2	293·9	301·2	23rd	288·5	280·9	12th	291·2	*290·5*	−0·7	78	+ 8
659	Hongkong	22 18	114 10	33·2	..	1016·1	+0·1	293·9	300·8	24th	288·4	281·8	12th	291·1	290·6	+0·3	26	− 49
660	Amoy	24 26	118 4	4·9	1019·0	1019·6	+0·2	291·5	298·0	21,22,23	286·1	282·0	11,12,13	288·8	288·2	−0·1	45	− 44
661	Taihoku, Formosa	25 2	121 31	9·3	1017·1	1018·2	+0·5	293·4	305·0	22nd	285·8	281·6	27th	289·6	289·2	−0·8	201	+ 28
661a	Basco	20 28	121 59	18·7	..	1013·2	−0·4	299·1	303·0	23rd	294·0	290·9	16th	296·5	296·3	−0·6	181	+ 68
662	Naha	26 12	127 39	29·5	1013·4	1016·9	−0·5	293·0	298·0	23rd	287·7	284·3	14th	290·3	290·0	−0·5	112	− 43
665	Titizima (Bonin Islands)	27 5	142 11	4·3	1014·8	1015·2	−1·8	295·5	298·9	11th	288·7	283·2	16th	292·1	291·7	+0·4	94	− 16
		N.	E.															

MARCH - ZONE 7

BETWEEN LATITUDE 20° N. AND 10° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	Mean at M.S.L.	Diff. from Normal	TEMPERATURE Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean*	Diff. from Normal	PRECIPITATION Total	Diff. from Normal
		N.	W.															
715	Colima	19 12	103 45	498	955·9	1011·7	−0·9	306·6	311·0	25th	287·4	285·2	20th	297·0	*295·4*	−0·6	0	0
716	Morelia	19 42	101 7	1923	809·0	1008·6	−0·7	297·5	300·3	24th	283·7	280·5	23rd	290·6	*290·6*	+0·3	1	− 7
717	Mexico, Tacubaya	19 24	99 12	2309	774·3	..	0·0	299·7	304·0	25th	279·0	276·3	5th	289·3	288·2	−0·1	5	− 4
718	Salina Cruz	16 12	95 12	56	1004·8	1011·2	−1·2	303·4	307·5	27th	295·2	291·9	22nd	299·3	*299·7*	+0·4	2	− 7
719	₰San Salvador	13 42	89 13	682	937·2	1012·6	0·0	308·5	311·2	10th	286·0	280·4	3rd	297·3	*296·5*	−0·2	1	− 9
720	Belize	17 31	88 11	5·2	1014·0	1014·5	−0·5	301·2	304·1	26th	295·7	289·7	3rd	298·4	*298·0*	−0·6	35	+ 3
721	Jamica (Negril Pt.)	18 15	78 23	10·1	..	1014·8	0·0	302·2	304·3	4th	293·5	291·6	27th	297·9	*297·6*	+0·1	217	+146
722	Port au Prince	18 33	72 20	37·4	1011·0	1015·2	−0·4	304·8	307·8	15th	294·7	293·1	9th,12th	299·8	*298·9*	+0·5	79	− 15
723	Caracas	10 30	66 55	1043	897·9	1011·5	..	300·2	303·0	25th	288·3	285·9	7th	294·2	*293·5*	+1·3	15	0
724	San Juan, Porto Rico	18 29	66 7	25·0	1013·5	1016·6	0·0	300·0	304·1	4th	294·8	293·6	1st	297·4	*297·3*	+0·4	133	+ 53
724a	Grenada (Richmond Hill)	12 5	61 46	188	993·0	1014·3	..	303·4	305·8	20th	296·3	294·7	28th	299·8	*299·3*	+1·4	200	+132
725	Barbados	13 8	59 36	57·9	..	1014·5	−0·2	302·4	303·6	25th	294·9	292·4	27th	298·7	*298·4*	+0·6	26	− 22
731	São Vicente, C. Verde Is.	16 54	25 4	11	1013·8	1015·1	+0·5	297·1	298·5	21st,22nd	291·4	290·0	31st	294·2	*294·9*	+0·4	0	− 1
732	₰San Tiago, C. Verde Is.	14 54	23 31	34	..	..	..	299·6	303·2	21st	..	..	..	..	*296·8*	..	0	− 1
733	Dakar	14 40	17 26	32	1006·7	1010·4	..	302·9	309·2	20th	291·3	290·0	2nd	297·1	*296·3*	+1·8	0	0
734	₰Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	303·6	310·8	21st	290·2	288·6	20th	296·9	*296·5*	+0·7	0	0
735	Bamako	12 39	7 58	340	969·8	1007·4	..	307·1	309·5	22nd	295·7	292·8	17th	301·4	*301·2*	..	5	..
736	Kabara	16 45	W. 3 1	273	..	..	..	..	..	..	..	..	..	..	..	..	0	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	311·9	315·2	26,29,31	294·6	283·0	4th	303·2	*303·0*	−0·3	0	− 3
738	Kaduna Capital	10 32	7 25	584	940·5	1003·4	..	308·2	310·2	25th,26th	293·4	289·1	9th	300·8	*300·5*	+0·2	19	+ 5
739	Bilma	18 41	12 55	356	..	..	..	..	314·8	31st	..	278·2	3rd	..	..	..	0	..
740	Maiduguri	11 47	13 11	361	..	..	..	312·7	316·3	28th,29th	..	..	..	..	‡*304·2*	+1·6	0	0
741	El Fasher	13 32	25 18	730	925·6	1004·8	..	311·3	315·0	26th,31st	289·3	284·0	7th,8th	300·3	*298·8*	+2·1	0	− 1
743	El Obeid	13 11	30 14	563	944·7	1006·2	−2·0	310·5	315·0	11th	291·8	288·2	6th	301·1	*300·5*	+2·9	0	− 2
743a	Khartoum	15 37	32 33	380	964·4	1006·2	−2·3	312·0	316·7	11th	293·8	291·0	23rd	302·9	*302·6*	+2·2	0	− 1
744	Port Sudan	19 37	37 13	5·5	1010·8	1011·4	−0·6	302·2	307·3	31st	293·4	289·5	27th	297·8	*297·8*	+1·0	0	− 1
745	Berbera, Somaliland	10 26	45 2	13·8	1009·6	1011·1	−1·3	302·9	304·1	19,28,30	296·3	293·6	3,6,8	299·6	*299·6*	+0·3	0	− 16
746	Aden	12 49	45 2	29·9	1012·0	1015·4	+2·4	303·8	305·8	22nd,25th	298·0	295·8	20th	300·9	*300·2*	+1·5	0	− 12
751	Bombay	18 54	72 49	11·3	1010·8	1012·1	−0·7	304·2	310·8	16th	295·8	293·6	4th	300·0	299·7	+0·6	0	− 2
752	Kodaikanal	10 14	77 28	2343	771·9	..	−0·3	291·9	294·1	24,25,26	282·5	279·7	9th,11th	287·2	287·1	+0·7	41	− 10
752a	Bangalore	12 58	77 35	921	911·4	1011·3	−0·2	305·8	308·6	25th	291·6	287·4	9th	298·7	*298·2*	+0·3	1	− 12
753	Madras	13 4	80 15	6·7	1011·6	1012·4	−0·2	303·3	304·7	16th,28th	294·9	291·3	9th	299·1	*298·2*	−0·9	87	+ 82
754	Vizagapatam	17 42	83 18	38·4	1008·1	1012·4	0·0	302·9	305·8	17th,18th	295·7	291·3	11th	299·3	*298·4*	−1·5	11	+ 3
755	Port Blair	11 40	92 43	18·0	1009·1	1011·2	−1·0	304·9	306·3	4 days	298·1	296·3	2nd,3rd	301·5	300·6	+0·2	8	− 11
756	Rangoon	16 46	96 11	5·5	1010·9	1011·6	−0·7	308·3	311·3	12th	295·1	292·4	2,3,7	301·7	300·2	0·0	16	+ 8
757	Cap St. Jacques	10 20	107 5	180	..	1011·6	..	302·1	305·9	26th,27th	296·4	293·6	13th,14th	299·3	*298·9*	−0·2	0	− 4
758	Nhatrang	12 15	109 12	3·6	..	1011·6	..	302·2	304·3	28th	294·2	290·4	14th	298·2	*297·7*	−0·7	11	− 14
759	Iba	15 20	119 58	4·8	..	1010·3	−0·2	306·9	308·1	28th	295·0	293·1	16th	300·9	*300·5*	+1·2	1	− 14
761	Vigan	17 34	120 23	12·2	..	1010·5	−0·7	304·3	306·1	14th	295·8	292·8	13th	300·1	299·5	−0·5	0	− 8
761a	Manila	14 35	120 59	14·2	..	1011·2	−0·1	306·0	309·7	25th	294·4	291·4	21st	300·2	299·5	0·0	11	− 7
762	₰Ormoc	11 0	124 36	5·6	..	1009·3	−0·6	305·6	307·6	31st	..	..	..	..	*299·7*	+0·7	20	− 76
765	Guam, Ladrone Is.	13 24	144 38	18·6	..	1009·1	−0·8	303·6	305·2	20th	297·1	295·4	25th	300·3	*300·4*	+0·6	72	− 10
766	Saipan	15 14	145 46	207	987·8	1008·0	..	301·2	302·0	29th	295·9	294·4	11th	298·5	298·0	..	69	..
		N.	E.															

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

₰Change of normals, see Table of Authorities, pages 105-15.

MARCH - ZONE 8

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1008·5	1009·1	−1·3	..	..	..	..	..	..	..	*‡301·3*	+0·1	149	−124
821	Cristobal	9 23	79 54	11·0	..	1111·7	−0·3	302·7	304·1	21st	298·2	295·8	21st	300·4	299·9	+0·4	28	− 12
822	Bogota	4 36	74 5	2645	746·8	..	+1·0	292·1	296·4	11th	283·2	279·8	8th	287·7	*287·0*	−0·1	101	− 2
822a	Merida, Venezuela	8 36	71 9	1641	841·5	..	..	297·3	299·7	5th	287·9	286·4	20th	292·6	*291·5*	+0·4	61	− 30
823	§Ciudad Bolivar	8 9	63 33	38	1005·1	1009·4	−1·9	305·9	307·2	25th,30th	295·6	293·3	10th	300·8	*300·1*	0·0	4	0
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·6	−0·2	302·1	302·4	Sev.dates	297·1	295·2	18th	299·6	*299·2*	+0·2	155	− 20
826	Paramaribo	5 49	55 9	3·7	1012·1	1012·5	−0·4	303·9	305·3	27th	294·7	292·1	27th	299·3	*299·5*	+0·8	201	− 7
826a	Cayenne	4 54	52 21	6	1010·8	1011·5	..	301·7	303·2	2nd	298·4	296·6	5th	300·1	*299·0*	+0·7	334	− 68
831	10°-5° N. 30°-25° W.	††7 30	††27 12	§(23)	..	1012·2	+0·3	..	..	Sea Temp. 298·6	-0·1	..	..	..	*298·7*	+0·2	..	..
833	Konakri	9 31	13 43	12·5	1008·4	1009·9	..	305·6	307·0	4th,17th	296·6	295·1	18th	301·1	*300·5*	0·0	0	− 5
834	Freetown, Sierra Leone	8 29	13 14	55·0	1004·1	1010·4	+0·7	304·8	306·3	15th	297·6	295·2	2nd,8th	301·2	*300·3*	..	5	− 24
835	Assuntsi	5 18	1 15	97·3	997·3	1008·4	..	305·0	307·4	18th	294·7	293·0	30th	299·8	*299·1*	+0·1	143	+ 43
836	Accra	5 33	W. 0 12	17·7	1007·8	1009·9	+0·3	304·6	307·4	2nd	296·9	294·7	6th,19th	300·8	*300·3*	+0·1	82	+ 34
837	Lagos	6 27	E. 3 24	1·8	1009·1	1009·4	+0·5	304·9	306·9	11th	299·1	295·8	23rd	302·0	*301·4*	+0·4	119	+ 24
838	Victoria, Nigeria	4 1	9 12	15·5	1007·7	1009·5	..	304·8	306·3	29th	294·3	292·4	27th	299·6	*298·9*	..	136	− 20
839	Yola	9 12	12 30	259	..	..	..	311·4	313·0	1,25,27	298·7	294·7	1st	305·1	*304·8*	+0·5	0	− 9
841	Barumbu	1 11	23 30	§450	..	..	..	305·4	307·8	5th	292·8	291·0	20th,21st	299·1	*298·3*	..	211	..
842	Wau	7 42	28 3	440	956·8	1004·9	−1·9	311·1	315·0	31st	295·9	292·0	23rd	303·5	*302·2*	+0·9	32	+ 6
843	Malakal	9 35	31 37	394	962·4	1005·4	−1·2	312·7	315·2	11th	295·8	293·0	23rd	304·3	*303·4*	+1·1	2	− 7
843a	Juba	4 53	31 35	475	954·0	1006·2	..	309·6	312·8	11,17,26	293·8	291·8	21st	301·7	*300·5*	..	54	..
844	Kampala (Kololo Hill)	0 20	32 36	1312	867·2	1006·0	..	300·5	303·5	16th	290·2	287·1	21st	295·3	294·5	..	136	..
845	Baidoa	3 7	43 39	480	955·5	1008·0	..	310·2	312·0	5th	293·5	291·0	1st	301·9	..	..	24	..
846	Sheikh	9 55	45 15	1463	..	..	..	298·7	301·3	21st,31st	282·2	278·0	7th	290·4	..	..	23	− 17
851	Minicoy	8 18	73 0	2·7	1011·5	1011·8	−0·4	304·2	305·2	4 days	297·7	296·3	4 days	300·9	*300·0*	..	33	+ 7
851a	Cochin	9 58	76 14	2·7	1011·5	1011·8	−0·3	304·4	305·2	31st	298·6	296·3	10th	301·5	*300·6*	−0·5	36	− 15
852	Colombo Observatory	6 54	79 52	7·3	..	1010·0	0·0	303·7	304·4	30th	296·1	293·7	10th	299·9	*299·0*	−0·8	61	− 48
853	Nuwara Eliya	6 58	80 46	1881	814·2	1013·6	+0·9	294·5	295·7	30th	280·6	276·9	5th	287·5	*286·4*	−0·4	131	+ 46
854	Trincomalee	8 35	81 15	30·2	..	1010·1	+0·1	302·2	303·7	23rd,28th	298·3	295·6	10th	300·3	*299·4*	−1·0	34	− 5
855	Koetaradja	5 32	95 20	7·1	..	..	..	..	..	..	..	..	..	..	..	..	97	+ 5
856	Medan	3 35	98 41	25·0	..	1009·4	−0·7	304·3	306·8	19th	295·1	292·3	14th	299·7	*298·9*	+0·1	53	− 52
857	Butterworth	5 25	100 22	2·1	..	1008·7	..	304·4	305·8	16th	296·4	294·7	14th	300·4	300·1	..	189	..
858	Singapore (Mt. Faber)	1 16	103 49	90·5	..	1009·0	−0·5	303·9	306·3	24th,25th	295·7	293·0	12th	299·8	298·8	..	279	..
859	Sandakan	5 50	118 7	55·5	1003·5	1009·5	..	302·9	304·1	10th,23rd	296·9	294·7	16th,17th	299·9	*299·5*	−0·3	351	+136
860	Iwahig	9 44	118 38	14·3	..	1008·9	−0·6	305·1	306·4	26th	294·9	292·6	5th	300·0	*299·6*	+0·2	3	− 48
861	Tagbilaran	9 38	123 51	21·3	..	1009·3	−0·7	304·7	308·3	29th	295·9	294·4	4th,18th	300·3	299·6	+0·4	13	− 71
861a	Menado	1 30	124 50	8·5	..	1008·9	−0·9	303·5	305·7	30th	295·9	294·4	4th	299·7	*299·3*	+0·6	397	+ 92
862	Surigao	9 48	125 29	6·0	..	1009·9	−0·5	302·9	305·5	30th	296·4	294·1	18th	299·7	299·3	+0·4	345	+ 18
863	Kolonie, Yap	9 29	138 8	29·3	..	1010·5	+0·9	302·5	304·7	17th	297·9	296·2	7th,11th	300·2	299·9	+0·1	89	− 76
864	Palau	7 20	134 29	31·8	1005·4	1009·0	−0·9	303·3	304·1	8th,23rd	297·8	296·6	15th	300·5	300·0	+0·2	185	+ 20
867	Ponape	6 58 N.	158 13 E.	38·9	1004·3	1008·8	..	302·2	303·3	14th,15th	298·0	295·8	18th	300·1	300·0	..	240	..

MARCH - ZONE 9

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
902	Atafu	8 32	172 31	1·8	..	?1009·9	..	?303·0	?304·6	24th	?298·4	?296·2	29th	?300·7	*?300·3*	..	255	..
920	Lambayeque	6 46	79·55	15	1009·5	1011·2	..	304·8	306·2	21st	295·0	293·2	11th	299·9	298·8	..	0	..
921	Quito	0 13	78 30	2816	727·0	..	−0·6	293·8	297·9	11th	281·2	279·2	3rd	287·5	285·9	+0·1	153	− 6
923	Senna Madureira	9 4	68 40	135	994·6	1009·9	..	306·8	310·1	4th	294·5	292·0	12th,29th	300·6	298·9	..	219	..
923a	São Gabriel do Rio Negro	0 8	67 5	85	1000·6	1010·3	..	304·0	307·7	29th	295·1	293·5	24th	299·6	*298·3*	..	394	..
924	Manaos	3 8	60 1	43·8	1005·6	1010·6	..	302·3	305·0	17th	295·5	294·5	7th	298·9	*298·6*	−0·3	399	+138
925	Parintins	2 38	56 44	18	..	..	..	..	..	..	..	..	..	..	..	..	260	..
926	Taperinha	2 30	54 20	21·5	1008·4	1010·7	−0·5	303·1	304·7	27th	295·8	294·6	25th	299·4	*298·7*	+0·6	335	+ 23
927	Turyassu	1 43	45 26	9·1	1009·1	1010·3	−0·5	303·0	305·6	2nd	294·5	293·0	31st	298·8	*298·8*	+0·4	345	− 81
928	Barra do Corda	5 30	45 16	81·0	1001·8	1009·8	..	304·1	306·7	4th	295·1	293·1	21st	299·6	*298·4*	+0·3	262	+ 93
929	§Quixeramobim	5 16	39 15	199	988·7	1011·4	−0·3	303·8	306·2	2nd	297·6	295·3	18th	300·7	*300·1*	+0·1	181	+ 11
930	Fernando Noronha	3 50	32 25	106	999·0	1010·6	−0·7	301·9	303·5	11th	297·9	295·3	22nd	299·9	*299·6*	+0·8	78	−118
934	Ascension Island	7 56	W.14 25	16·8	1010·1	1011·9	−0·9	303·9	306·3	31st	297·6	296·9	Sev.dates	300·7	299·9	+0·1	9	− 6
939	Loanda	8 49	E.13 13	59·3	..	1010·5	+0·3	305·5	308·2	12th	297·1	294·2	13th	301·3	300·9	+1·8	132	+ 67
940	§Brazzaville	4 17	15 16	320	..	..	..	308·7	310·0	..	291·7	290·0	..	300·2	..	+0·4	173	+ 9
942	Tshibinda	2 19	28 45	§2115	..	..	..	295·2	296·9	11th	284·2	280·9	3rd	289·7	*290·2*	..	120	..
943	Masaka	0 20	31 44	1280	..	..	..	299·2	301·5	16th	289·5	288·2	10th	294·3	*293·6*	..	133	+ 31
944	Nairobi (Kabete Obs.)	1 16	36 48	1820	820·0	1008·3	..	299·6	300·9	21st	285·8	282·6	1st	292·7	291·9	..	14	..
944a	Zanzibar (Chukwani Palace)	6 15	39 13	21	1007·8	1010·2	..	305·4	308·1	1st	298·3	297·1	21st	301·9	300·9	..	34	..
945	Afmadu	0 30	42 4	?	..	..	..	320·5	324·0	2nd,5th	289·1	287·0	5th,14th	304·8	..	..	0	..
947	Seychelles, Port Office	4 37	55 27	4·6	1009·8	1010·3	−0·3	302·4	303·6	8th	297·3	295·2	26th	299·9	*299·3*	+0·3	207	− 44
957	Padang	0 56	100 22	6·7	..	1009·3	−1·2	303·8	305·3	22nd	296·6	295·3	11th	300·2	299·7	+0·2	385	+ 77
958	Batavia	6 11	106 50	8·0	1007·9	1008·8	−0·9	303·2	305·8	27th	296·7	295·8	11,13,14	299·9	299·3	+0·3	414	+216
958a	Pontianak	0 1	109 20	2·6	..	1009·4	−0·7	305·4	307·4	22nd	297·2	295·5	12th	301·3	*300·6*	+0·9	213	− 36
959	Pasoeroean	7 38	112 55	5·0	..	1007·8	−1·7	303·8	305·8	17th	297·0	296·3	25th	300·4	*299·6*	+0·2	231	+ 18
960	Kajoemas	7 56	114 9	§1060	..	..	..	..	..	..	..	..	..	..	..	..	420	− 40
962	Amboina	3 42	128 10	4·2	..	1008·1	−0·8	304·8	306·2	25th	298·1	296·9	3rd	301·5	*300·9*	+1·1	53	− 82
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	373	+ 35
965	Daru	9 4	143 13	7·6	..	..	..	303·3	..	..	297·2	..	..	300·3	299·9	+0·2	322	− 1
966	Port Moresby	9 29	147 9	38·4	..	1008·2	−1·1	303·7	..	..	297·4	..	..	300·5	*300·1*	−0·3	195	+ 19
967	Rabaul	4 9	152 12	12·5	1006·0	1007·4	−0·7	304·9	306·6	13th,14th	296·2	294·9	2nd	300·6	*300·0*	+0·1	244	− 4
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	303·6	305·2	3,10,30	297·8	296·3	30th	300·7	*300·4*	0·0	377	+ 11
970	Ocean Island	0 52	169 35	42·6	1003·9	1008·7	−1·3	305·4	306·9	1st,18th	298·8	297·4	7th,24th	302·1	*301·5*	+1·2	68	−126
972	Funafuti, Ellice Is.	8 30	179 13	2·4	1008·2	1008·5	..	304·1	306·9	10th	298·2	296·3	29th	301·1	*300·7*	..	358	..

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

§Number of observations.

†Estimates not based on at least six equally spaced observations each day are in italics.

§Change of normals, see Table of Authorities, pages 105-15.

††Mean latitude and longitude of the observations.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

MARCH - ZONE 10

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1001	Vavau	18 39	173 59	9·1	1008·9	1009·9	..	302·8	304·2	17th	297·1	294·8	1st	299·9	*299·5*	..	277	..
1002	Apia, Samoa	13 48	171 46	2·0	..	1008·9	−0·2	302·6	304·0	11th	296·5	295·4	8th	299·5	299·0	−0·6	290	− 65
1003	Alofi, Niue Is.	19 2	169 55	19·8	..	1011·3	+0·3	303·6	305·8	9th,16th	296·1	294·7	13,25,30	299·9	*299·6*	+0·1	129	−187
1004	Pukapuka, Danger Is.	10 53	165 54	2·1	..	..	..	304·0	306·3	30th	297·9	296·3	1st	301·0	*300·6*	..	377	..
1005	Aitutaki, Cook Is.	18 53	159 46	3·0	..	..	..	302·6	306·9	12th	296·2	294·1	28th	299·4	*299·0*	..	..	..
1007	Papeete (Hamuta)	17 32	149 33	5·0	1009·9	1010·4	..	304·2	306·4	4th	295·9	294·7	13th	300·1	*299·6*	..	243	..
1021	Lima	12 5	77 3	111	997·2	1010·1	..	301·3	305·2	20th	291·2	289·8	3rd	296·3	294·5	..	0	..
1022	Arica	18 28	70 20	29	1008·4	1011·8	..	299·3	301·1	16th	290·8	288·2	31st	295·1	*294·5*	+1·2	0	0
1024	La Paz, Bolivia	16 30	68 8	3658	658·2	..	+0·1	290·3	293·5	12th	278·5	276·3	22nd	284·4	*282·9*	−0·4	69	− 2
1025	§Corumba	18 59	57 39	116	996·2	1009·2	+0·1	305·8	309·4	17th	294·9	291·8	4th,7th	300·4	299·5	+0·2	32	− 99
1026	Cuyaba	15 36	56 6	165	990·7	1009·4	+0·1	305·6	308·6	12th	295·3	293·5	20th	300·4	*299·2*	+0·3	144	− 67
1027	Bello Horizonte	19 56	43 57	895	913·3	1011·2	−0·7	300·7	305·4	16th	290·7	286·8	24th	295·7	295·0	+0·2	52	−134
1028	Caetite	14 3	42 37	897	914·7	1013·0	+0·2	300·4	306·7	2nd,3rd	290·2	288·9	13th,14th	295·3	*294·8*	−1·2	301	+199
1029	§Ondina (Bahia)	13 0	38 31	64	1004·7	1012·0	+0·3	302·1	305·8	7th	296·4	292·9	10th	299·2	*299·0*	−0·5	251	+100
1030	§Aracaju	10 55	37 3	6·1	1010·4	1011·2	−1·6	303·2	305·4	7th	297·2	295·9	16th	300·2	*300·1*	+0·4	47	− 35
1035	§St. Helena	15 57	W. 5 40	604	945·2	1013·9	−0·7	294·2	295·8	19th	290·2	289·1	1,6,22	292·2	*291·9*	+0·8	59	− 43
1039	Mossamedes	15 12	E.12 9	12·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1041	Livingstone	17 50	25 49	972	905·0	1009·7	..	305·9	308·3	16th	290·4	287·9	13th	298·2	..	+0·4	0	−137
1041a	Elisabethville	11 40	27 29	1230	875·3	1006·7	−1·2	300·8	302·7	9th	288·6	286·1	14th	294·7	..	−0·4	215	− 5
1042	Gwelo	19 26	29 45	1411	863·0	1013·3	..	301·5	303·6	14,18,19	286·6	282·4	28th	294·1	..	+0·8	21	− 64
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	853·6	1011·7	+0·6	300·2	302·4	31st	286·9	283·2	28th	293·6	292·9	+0·4	9	−110
1044	Zomba	15 23	35 18	955	905·9	1009·2	0·0	299·7	303·6	9th	291·1	288·0	27th	295·4	294·7	+0·6	215	− 16
1045	Mossuril	14 57	40 40	15	..	1011·2	+0·2	304·6	307·6	8th	296·4	295·5	2nd,27th	300·6	300·4	+0·2	158	+ 30
1046	Antananarivo	18 55	47 33	1375	863·5	1011·0	+0·3	297·8	301·8	26th	288·4	285·9	7th	293·1	291·9	−0·8	23	−162
1046a	Tamatave	18 9	49 22	7	..	1011·6	..	302·6	306·5	15th	296·2	294·5	2nd	299·4	*299·0*	..	481	..
1047	Vohemar	13 24	50 2	2	..	1009·7	..	..	..	..	..	..	..	..	..	..	323	..
1048	Antalaha	14 53	50 15	4	..	1011·0	..	303·6	308·0	9th	295·5	294·0	5th,26th	299·5	299·0	..	475	..
1055	Cocos, Keeling Is.	12 5	96 53	4·6	..	..	..	303·2	304·9	13th	298·7	297·2	1st,4th	300·9	*300·5*	+0·1	174	− 42
1057	Christmas Island	10 25	105 43	5·5	1005·5	1006·2	−1·4	302·6	304·7	28th	297·7	296·3	22nd	300·1	299·9	−0·5	365	+ 88
1061	Koepang	10 10	123 34	45·1	..	1008·0	−1·2	303·4	304·9	24th	296·5	294·1	18th	299·9	299·3	−0·2	430	+208
1061a	Derby	17 18	123 40	16·2	1005·9	1007·6	−1·3	307·6	312·4	24th	298·8	295·4	7th	303·2	..	+0·1	224	+115
1062	Hall's Creek	18 13	127 46	373	966·6	1007·4	−1·4	308·3	311·9	17th	296·6	291·3	23rd	302·4	*302·0*	+1·1	54	− 22
1063	Darwin	12 28	130 51	29·6	1004·1	1007·4	0·0	304·6	308·2	17th	298·1	296·1	16th,17th	301·3	*300·2*	−0·6	299	+ 47
1064	Daly Waters	16 16	133 23	211	982·5	1005·7	−1·8	308·8	314·1	1st	296·9	294·7	9th	302·9	*302·5*	+1·2	140	+ 20
1065	Palmerville	15 56	144 8	210	983·1	1006·5	−1·5	306·6	308·1	13th	295·8	293·6	27th	301·2	..	+1·2	132	− 52
1066	Georgetown, Queensland	18 22	143 32	302	974·4	1007·5	−1·7	308·6	311·3	13th	294·5	289·7	18th	301·6	..	+1·6	61	− 63
1066a	Willis Island	16 18	149 59	8·5	1006·0	1007·1	−1·8	303·4	305·2	3rd	298·8	296·3	17th	301·1	*301·1*	+0·7	153	− 15
1067	Samarai	10 37	150 40	6·1	..	1008·8	+0·9	306·8	..	..	296·9	..	..	301·9	301·6	+1·5	150	−122
1070	Vila, New Hebrides	17 44	168 19	57·0	1000·4	1006·9	..	302·5	304·0	11th	295·2	294·0	19th	298·8	*298·3*	..	332	..
1071	Rotuma, Fiji	12 30	177 0	27·4	1005·0	1008·1	..	302·8	304·7	19th	296·7	295·2	14th,22nd	299·8	299·5	..	327	..
1072	Suva, Fiji	18 8 S.	178 26 E.	3·7	1007·6	1008·0	−0·4	303·2	305·8	5th	297·1	295·2	25th	300·1	*299·8*	+0·4	713	+345

BETWEEN LATITUDE 20° S. AND 30° S.

MARCH - ZONE 11 (AMERICA, AFRICA)

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1101	Nukualofa, Tonga	21 8	175 12	3·0	1011·1	1011·5	..	303·0	305·2	3rd,14th	294·9	291·9	13th	298·9	*298·4*	..	212	..
1105	Rarotonga (Avarua)	21 12	159 46	6·1	..	..	..	301·7	304·1	13th,15th	293·7	288·6	25th	297·7	297·4	−1·0	443	+149
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1011·4	1014·2	−0·3	291·7	293·6	Sev.dates	286·7	284·6	31st	289·2	*289·0*	−1·0	0	→ 1
1122	Antofagasta	23 42	70 24	94	1002·3	1013·4	−1·2	295·2	299·0	5th	288·5	287·0	Sev.dates	291·9	*291·4*	−1·1	0	0
1123	Catamarca	28 29	65 47	528	950·9	1009·7	+0·4	..	..	..	..	..	..	297·0	+0·1	42	− 3
1124	Salta	24 46	65 24	1173	882·2	1009·3	−0·3	298·2	304·6	10th	288·8	282·1	3rd	293·5	292·5	−0·4	159	+ 56
1125	Goya	29 9	59 15	37	1007·7	1012·0	+0·5	303·8	310·5	1st	291·6	284·0	24th,25th	297·7	297·0	+0·3	143	+ 2
1126	Asuncion	25 17	57 41	139	998·6	1014·4	+3·5	305·6	310·7	17th	294·8	286·8	25th	300·2	299·2	+0·3	50	− 84
1127	Curityba	25 25	49 17	908	913·9	1014·8	+0·4	298·3	303·5	1st	287·2	281·4	26th	292·8	*291·4*	−0·7	26	− 88
1128	Rio de Janeiro	22 54	W.43 10	18·3	1011·5	1013·6	+0·8	300·6	307·8	1st	294·9	291·9	24th	297·8	297·3	−0·7	28	−107
1139	Windhoek	22 34	E.17 6	1727	830·3	1008·6	..	302·7	305·4	15th	290·3	286·7	9th	296·5	*296·0*	+2·3	32	− 53
1140	§O'Okiep	29 36	17 52	933	910·3	1012·9	+1·4	302·1	309·8	27th	286·6	281·4	9th	294·3	*293·7*	−0·5	5	− 6
1141	Kimberley	28 44	24 46	1218	879·9	1009·9	−0·5	304·8	309·1	17th	289·1	283·1	9th	296·9	296·6	+2·7	21	− 58
1141a	Johannesburg	26 11	28 4	1806	824·5	1013·5	+0·2	298·4	302·1	25th	286·6	280·2	9th	292·5	*292·0*	+2·1	130	+ 17
1142	Bulawayo	20 9	28 35	1349	868·2	1012·1	+0·9	302·8	305·1	14th	287·1	283·8	14th	294·9	294·7	+1·3	1	− 85
1143	Durban	29 52	31 3	15·2	1012·9	1014·7	−2·5	300·2	303·9	16th	293·9	288·1	9th	297·1	296·5	+0·5	94	− 42
1144	Lourenço Marques	25 58	32 36	59·5	..	1014·8	−0·7	304·1	309·3	24th	294·0	289·6	8th	299·1	298·4	+0·9	63	− 66
1145	Tulear	23 20	43 40	6	..	1011·4	..	305·0	308·5	22nd	293·0	289·5	22nd	299·0	..	..	0	..
1146	Fort Dauphin	25 1	46 58	14	..	1014·8	..	299·7	301·5	13th	295·2	293·0	2nd,3rd	297·5	*297·1*	..	407	..
1147	Mauritius	20 6 S.	57 33 E.	55·2	1005·5	1011·8	−0·1	301·4	303·3	16th	295·9	294·1	2nd,12th

MARCH - ZONE 11 (AUSTRALIA) — TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		S.	E.															
1159	Onslow	21 43	114 57	4·3	1005·5	1005·9	−2·2	306·7	313·2	19th	297·3	287·7	30th	302·0	..	−0·2	174	+138
1160	Cue	27 27	117 52	454	961·0	1011·3	+0·4	306·0	314·1	19th	294·1	282·4	28th,29th	300·0	..	+0·1	93	+ 67
1161	Nullagine	21 53	120 5	386	965·3	1007·4	−1·1	309·2	313·6	18th,19th	295·9	284·7	29th	302·6	..	+0·5	60	+ 5
1162	Laverton	28 40	122 23	466	960·1	1011·7	−1·8	305·9	314·1	15th	292·2	279·1	28th	299·0	*298·9*	+1·3	9	− 30
1163	Alice Springs	23 38	133 35	579	945·6	1008·9	−1·4	305·3	311·4	17th	291·7	281·9	22nd	298·5	*298·8*	−0·6	36	+ 5
1164	William Creek	28 55	136 21	76·2	1003·9	1012·5	−1·5	304·8	311·7	12th	290·7	283·6	21st	297·8	*297·6*	0·0	6	− 9
1164a	Boulia	22 55	139 38	146	990·4	1006·4	−2·3	311·0	315·2	13th	296·5	290·5	31st	303·8	*304·1*	+2·5	5	− 35
1165	Thargomindah	27 58	143 43	123	994·6	1008·2	−3·5	309·3	314·6	17th	294·8	285·2	22nd	302·1	*301·9*	+2·8	4	− 18
1166	Mitchell	26 32	147 52	336	971·4	1008·8	−3·6	308·3	313·4	19th	291·8	286·7	22nd	300·1	..	+3·7	11	− 63
1167	Rockhampton	23 24	150 30	11·3	1008·0	1009·3	−2·5	306·7	310·7	13th	294·9	292·3	2nd	300·8	*300·0*	+2·0	3	−112
1168	Brisbane	27 28	153 2	41·8	1007·7	1012·0	−2·5	302·6	308·9	18th	293·1	289·2	23rd	297·8	*297·2*	+1·3	14	−133
1170	Norfolk Island	29 4	167 59	14·9	1012·8	1014·5	+0·1	298·1	300·5	17th,18th	294·0	289·1	10th	296·1	*295·7*	+1·3	59	− 40
		S.	E.															

MARCH - ZONE 12 — BETWEEN LATITUDE 30° S. AND 40° S.

		S.	W.															
1221	Juan Fernandez	33 37	78 52	6	1018·2	1018·9	+0·9	293·6	296·4	6th,25th	287·3	283·8	20th	290·5	*290·3*	−1·3	47	+ 2
1221a	Punta Tumbes	36 37	73 6	120	1000·5	1014·9	+0·3	289·5	292·5	3rd	283·8	280·4	31st	286·7	*286·3*	−0·8	20	− 2
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1009·0	1013·9	−0·6	293·9	296·1	19th	284·2	282·5	3rd,16th	289·1	*288·9*	−0·8	0	− 7
1222a	Santiago	33 27	70 42	520	953·5	1013·1	−0·2	298·9	302·1	13th	282·8	281·0	7th	290·9	*290·2*	−0·5	0	− 5
1223	Cordoba	31 25	64 12	423	963·8	1011·9	+0·1	299·9	306·8	17th	288·3	282·1	4th	294·1	293·6	+0·3	139	+ 51
1224	Bahia Blanca	38 45	62 16	28·7	..	..	..	..	..	..	..	..	..	..	..	..	235	+168
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1011·5	1014·4	+0·4	298·9	305·0	17th	287·8	280·0	15th	293·4	293·1	−0·3	119	+ 8
1226	Montevideo (Prado)	34 52	56 12	24·9	..	1015·9	+1·6	299·2	308·8	17th	288·4	279·0	25th	293·8	293·5	+0·3	53	− 27
1226a	Porto Alegre	30 2	W.51 13	23·5	1011·5	1014·2	−0·3	300·6	306·4	10th	290·5	283·7	16th	295·5	295·2	−0·6	91	− 2
1239	Cape Town	33 56	E.18 29	12·2	..	1015·5	+1·3	296·8	305·4	28th	287·3	282·9	11th	292·1	*290·4*	−1·0	9	− 13
1240	Klaver	31 47	18 37	41·8	1010·8	1015·7	0·0	301·3	312·1	27th	286·8	281·9	15th	294·1	..	−2·4	20	+ 13
1241	Riversdale	34 6	21 16	105	1004·2	1016·5	..	298·6	308·0	1st	286·1	281·1	9th	292·3	..	−1·4	43	−·1
1242	gEast London	33 1	27 54	45·4	1009·2	1014·5	+0·2	297·2	299·9	28th	290·1	283·1	9th	293·7	..	+0·4	67	− 6
1259	Perth (Observatory)	31 57	115 51	60·0	1006·9	1013·9	−1·5	300·4	311·1	20th	289·5	282·8	27th	294·9	*294·4*	+0·2	29	+ 9
1260	Katanning	33 42	117 35	310	978·9	1014·6	−1·4	299·7	306·4	5th	285·6	280·1	31st	292·7	..	+0·5	24	0
1261	Coolgardie	30 57	121 10	423	965·9	1013·5	−1·3	302·9	312·4	21st	287·8	278·0	28th	295·3	295·2	+0·2	26	+ 2
1262	Eucla	31 45	128 58	4·6	1013·7	1014·3	−2·0	298·3	308·0	15th	288·4	281·9	28th	293·3	292·7	−0·4	6	− 15
1263	Streaky Bay	32 48	134 13	13·1	1013·5	1015·0	−1·9	298·7	306·8	11th	287·2	279·7	21st	292·9	*292·2*	−0·6	11	+ 3
1264	Adelaide	34 56	138 35	42·7	1009·8	1014·8	−2·4	298·9	309·2	3rd	287·2	279·6	21st	293·1	*292·6*	−1·0	34	+ 8
1265	gMelbourne	37 49	144 58	35·1	1009·7	1013·7	−3·2	297·3	306·2	12th	284·7	278·8	22nd	291·0	*290·6*	−0·3	38	− 18
1266	Bourke	30 13	145 58	110	1000·3	1012·6	−2·7	308·6	315·8	17th	292·8	282·4	21st,22nd	300·7	..	+2·4	4	− 27
1267	gSydney	33 51	151 13	42·1	1008·9	1013·9	−2·5	296·6	305·2	23rd	290·6	282·7	21st	293·6	*293·2*	0·0	57	− 67
1268	Lord Howe Island	31 20	159 0	4·9	1012·3	1012·8	−3·8	297·7	301·0	18th	293·0	288·0	1st	295·3	..	+0·4	185	+ 53
1271	Auckland	36 51	174 48	40·8	..	1017·5	−0·1	295·6	298·8	20th	288·6	284·1	23rd	292·1	..	+0·8	19	− 59
1272	Napier	39 29	176 55	1·5	..	..	..	295·1	304·1	20th	285·8	279·4	30th	290·4	..	+0·2	52	− 30
		S.	E.															

MARCH - ZONE 13 — BETWEEN LATITUDE 40° S. AND 50° S.

		S.	W.															
1301	Chatham Island	43 57	176 31	45·7	1009·3	1014·8	+2·1	..	..	..	..	..	..	..	..	..	43	− 35
1321	Isla Guafo	43 34	74 45	140	998·9	1015·8	+0·3	285·4	286·8	27th	281·3	279·0	28th,31st	283·3	*283·5*	−1·5	87	+ 5
1322	Punta Galera	40 1	73 44	40	1011·7	1016·5	+0·8	287·9	291·4	11th	282·3	277·4	31st	285·1	*285·1*	−0·9	157	+ 42
1323	Sarmiento	45 33	69 1	272	977·2	1009·3	−0·8	293·1	301·6	6th	280·0	276·0	31st	286·6	286·2	−1·5	1	− 11
1324	Puerto Madryn	42 46	W.65 2	14	1010·1	1011·8	+0·6	296·9	307·8	17th	282·9	278·2	2nd	289·9	289·9	−0·5	5	− 7
1365	Launceston	41 27	E.147 10	81·1	1002·3	1011·8	−2·7	294·3	301·3	11th	281·8	272·4	21st	288·1	*287·1*	−0·4	59	..
1366	gHobart	42 53	147 20	53·9	1003·5	1009·9	−4·1	292·1	303·6	11th	282·9	277·4	21st	287·5	*286·5*	−0·5	54	+ 10
1369	Invercargill	46 25	168 21	3·7	..	..	..	290·7	297·4	2nd	281·7	276·9	22nd	286·2	..	+0·6	103	+ 2
1370	Alexandra	45 15	169 24	159	..	..	..	294·1	299·9	20th	280·8	275·2	28th	287·4	287·3	..	16	..
1371	Dunedin	45 52	170 31	6·1	..	1012·8	−0·8	292·7	301·9	20th	282·2	276·9	22nd	287·4	..	+1·3	26	− 53
1371a	Christchurch	43 32	172 39	7·6	..	1013·8	−1·3	294·1	303·7	21st	283·1	275·1	29th	288·6	..	+1·2	11	− 41
1372	Wellington	41 16	174 46	127	1000·2	1015·3	−0·8	293·2	297·2	2nd	285·7	279·8	29th	289·4	288·6	+0·5	53	− 32
		S.	E.															

MARCH - ZONE 14 — BETWEEN LATITUDE 50° S. AND 60° S.

		S.	W.															
1421	Islota de los Evangelistas	52 24	75 6	55	993·1	999·7	−2·2	284·0	287·7	26th	280·8	275·2	10th	282·4	*282·8*	+1·6	416	+122
1422	Magallanes	53 10	70 54	8	996·9	997·9	−3·3	286·6	292·0	5th	278·2	274·6	2nd,22nd	282·4	*282·3*	+0·1	10	− 34
1423	Punta Dungeness	52 24	68 26	5	997·5	998·1	−2·0	286·5	292·5	6th	280·0	276·5	9th,10th	283·3	*282·9*	+0·6	14	− 10
1424	Santa Cruz	50 1	68 31	13	1002·0	1003·6	−0·5	292·5	302·6	6th	280·4	270·0	1st	286·4	286·1	+0·6	12	+ 4
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1001·3	+0·6	285·2	288·0	9,17,19	277·6	273·6	2nd	281·4	..	+0·4	46	− 16
1426	Cape Pembroke	51 41	57 42	21·3	998·1	1000·7	−0·6	284·8	288·0	12th,18th	279·2	274·7	1st	282·0	282·1	+0·6	..	..
1429	S. Georgia (Cumberland Bay)	54 16	36 30	4	999·9	1000·4	+4·5	282·9	290·6	9th	274·7	269·0	2nd	278·8	*278·2*	+0·8	191	+ 56
		S.	W.															

MARCH - ZONE 15 — BETWEEN LATITUDE 60° S. AND 70° S.

1527	South Orkneys	S. 60 43	W. 44 47	7	994·4	995·3	+4·5	274·5	280·5	16th	271·2	265·8	2nd	272·8	272·7	+0·3	78	+31
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics.
gChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE
FOR THE MONTH OF APRIL 1933
BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 90° N. AND 80° N. — APRIL - ZONE 0

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	E.															
047	Calm Bay	80 20	52 48	5·9	1008·8	1009·6	..	..	268·4	..	..	244·7	..	..	*257·2*	..	3	..

BETWEEN LATITUDE 80° N. AND 70° N. — APRIL - ZONE 1

		N.	W.															
101	Wrangel Insel	70 58	178·33	3·0	1016·0	1016·4	−2·7	259·5	266·3	..	252·8	246·4	..	256·1	*256·3*	+0·2	1	− 5
105	Barrow	71 23	156 17	4·6	..	1016·2	−2·6	259·7	266·3	30th	252·2	243·6	1st	255·9	..	+1·0	1	− 2
121	Pond Inlet	72 43	78 30	4·0	..	1023·2	..	256·2	268·0	15th	249·9	238·6	4th	253·1	*253·3*	−3·2	..	..
125	Upernivik	72 47	56 7	19·2	1017·9	1020·4	+4·5	265·0	276·9	17th	256·6	244·5	9th	260·8	*261·1*	+2·6	10	− 5
131	Myggbukta	73 29	21 34	3·2	..	1023·1	..	..	269·5	23rd	247·2	239·7	15th	..	*254·7*	..	1	..
132	Scoresbysund	70 29	21 58	16·9	1019·8	1022·0	+4·3	264·5	273·0	19th	256·2	247·3	14th	260·3	*261·0*	−2·2	..	..
135	Jan Mayen	70 59	W. 8 18	23·1	1013·9	1016·8	+3·7	..	274·6	2nd	266·1	261·4	16th	..	*268·4*	−2·5	28	+ 3
139	Svalbard Radio	78 13	E. 15 38	53·0	1003·6	1010·6	−2·4	..	271·6	24th	257·7	252·2	7th	..	*260·6*	..	2	..
140	Bjornoen	74 28	19 17	29·2	1003·7	1007·5	−5·3	..	273·2	8th	263·9	257·2	5th	..	*266·4*	−0·1	33	+ 12
141	Ingoy	71 4	24 9	4·3	1008·0	1008·5	−2·5	..	279·9	28th	269·8	267·2	3rd	..	*271·9*	−0·6	40	+ 5
142	Sletnes	71 5	28 14	10·2	1007·4	1008·7	−1·5	..	279·2	28th	267·6	262·4	3rd	..	*270·7*	..	53	..
143	Vardö	70 22	31 6	12·1	1008·1	1009·6	−2·0	..	279·6	28th	268·3	261·1	3rd	..	*271·2*	−0·3	35	− 6
147	Malye Karmakouly	72 23	52 44	15·3	1009·6	1011·6	−1·6	..	276·7	..	..	248·3	..	..	*264·2*	+2·2	5	− 5
148	Vaigatch	70 24	58 48	11·2	1011·5	1013·0	−0·3	265·6	274·8	..	258·4	242·7	..	262·0	*262·1*	+1·8	2	− 3
149	Russian Harbour	76 14	62 39	9·3	1009·8	1011·0	..	..	273·6	..	..	250·1	..	..	*261·5*	..	5	..
150	Cape of Desire (Zhelanya)	76 57	68 34	8·0	1010·3	1011·3	..	..	272·9	..	..	249·4	..	..	*259·9*	..	2	..
153	Dikson	73 30	80 23	13·0	1010·7	1012·4	+0·9	261·6	272·9	..	254·8	242·3	..	258·2	*258·2*	+3·2	5	− 2
162	Bulun	70 45	127 47	35	1011·6	1016·3	+0·2	..	275·7	..	..	241·2	..	..	*257·1*	−0·4	..	..
165	Great Liakhov Is. (Cape Shalaurov)	73 11	143 14	7	1014·8	1015·8	..	..	265·5	..	..	238·1	..	..	*250·7*	..	1	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N. — APRIL - ZONE 2

		N.	W.															
201	Cape Otto Schmidt	68 55	179 30	7·0	..	..	..	260·4	274·2	..	251·2	241·0	..	255·8	*255·8*	..	33	..
202	Savoonga	63 43	170 20	5·5	..	..	..	..	..	..	261·7	251·9	13th	..	..	..	14	..
203	Nome	64 30	165 24	6·7	1008·8	1009·5	−1·3	272·9	279·1	29th	264·8	254·1	19th	268·9	*269·7*	+4·3	12	− 3
204	Bethel	60 45	161 47	11·6	..	1007·8	−0·2	275·7	280·8	30th	266·2	254·7	14th	270·9	..	+2·3	13	− 1
205	Tanana	65 10	152 6	69·5	1004·7	1013·2	+1·1	278·1	285·2	30th	265·7	255·2	1st	271·9	*272·1*	+3·3	2	− 5
206	Rampart	65 30	150 15	114	..	..	..	275·3	283·0	26th	260·8	255·2	21st	268·1	..	−0·1	0	− 6
206a	Holy Cross	62 16	159 50	15·2	..	..	..	277·6	282·4	29th	268·7	262·4	7,14,23	273·1	..	+3·8	11	− 7
207	Cordova	61 31	145 36	13·1	..	1007·8	−0·5	279·6	283·6	13th	272·2	266·9	8th	275·9	..	−0·1	151	− 74
208	Fairbanks	64 51	147 39	138	993·2	1011·2	..	279·3	285·2	30th	266·8	252·4	1st	273·1	*273·7*	+1·9	4	− 3
209	Dawson	64 4	139 29	324	973·6	1014·1	..	279·1	285·3	24th	262·0	251·9	1st	270·5	*270·7*	−0·1	2	− 12
210	Aklavik	68 14	134 50	7·6	1015·9	1016·9	..	267·2	276·9	29th	255·4	243·6	17th	261·3	*260·6*	..	16	..
211	Fort Good Hope	66 15	128 38	65·2	1011·5	1020·0	..	271·0	280·8	28th	256·6	238·0	17th	263·8	*265·1*	+1·0	6	− 12
212	Fort Simpson	61 52	121 15	126	1000·7	1017·0	..	273·4	288·6	21st	261·5	248·0	16th	267·5	*267·5*	−2·7	15	− 5
213	Hay River	60 51	115 57	161	997·6	1018·5	..	270·2	287·4	21st	258·2	247·4	2nd	264·2	*264·7*	−3·9	42	+ 28
214	Coppermine	67 49	115 10	4·6	1021·7	1022·3	..	258·6	271·9	30th	247·4	233·0	1st	253·0	*252·9*	..	62	..
218	Chesterfield	63 45	91 50	4·0	1019·5	1020·0	..	261·1	269·7	27th	253·6	243·0	1st	257·3	*257·5*	+1·3	19	..
221	Nottingham Island	63 7	77 56	16·5	1016·6	1018·7	..	264·8	275·2	26th	257·2	247·4	5,7,8	261·0	*261·0*	..	34	..
223	Hope's Advance	61 5	69 33	73·2	1005·4	1015·0	..	266·6	274·1	20th	260·7	252·4	6,8,9	263·6	*263·7*	..	50	..
224	Resolution Island	61 18	64 53	38·7	1008·3	1013·3	..	267·8	273·6	13th	262·4	255·2	9th	265·1	*265·1*	..	26	..
225	Jacobshavn	69 13	51 2	31·6	?1014·4	1018·6	+5·1	?266·1	..	..	?259·1	?246·2	9th	?262·6	*?263·6*	+0·3	..	..
226	Godthaab	64 10	51 43	20	..	..	..	274·3	280·8	25th	266·9	255·1	10th	270·6	*270·8*	+1·9	34	+ 6
227	Ivigtut	61 12	48 10	30·0	1013·2	1017·0	+8·3	277·1	284·2	24th	268·9	256·2	10th	273·0	*273·2*	+0·8	36	− 26
229	Angmagsalik	65 36	37 33	29·3	1015·4	1019·2	+8·2	274·9	280·0	30th	264·6	256·7	15th	269·7	*269·4*	+0·4	..	..
231	Stykkisholm	65 5	22 46	25	..	1016·6	+6·6	277·4	285·5	20th	272·2	267·1	16th	274·8	*274·7*	+0·9	51	+ 13
232	Vestmanno	63 24	20 17	122	..	1014·0	+5·7	278·6	283·0	27th	274·3	270·0	12th,13th	276·5	*276·7*	+0·4	73	− 24
233	Grimsey	66 33	18 1	22	..	1017·2	+5·8	274·4	279·3	22nd	270·3	265·8	12th	272·3	*272·3*	+0·4	..	..
233a	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	40	..
234	Teigarhorn	64 41	14 22	18	..	1015·9	+5·6	278·7	285·2	21st	271·5	266·5	16th	275·1	*274·5*	+0·1	29	− 52
235	Höjvig	62 3	6 45	22·9	1012·3	1015·1	+4·4	280·2	284·4	27th	275·7	270·7	13th,14th	277·9	*278·1*	+0·2	106	+ 13
236	Lerwick	60 9	W.1 8	48·8	..	1014·6	+3·4	280·4	283·6	29th	276·8	272·4	14th	278·6	*278·7*	+0·3	57	− 1
237	Bergen, Fredriksberg	60 24	E.5 19	44·4	1009·2	1014·7	+2·4	281·7	287·7	27th	275·7	272·0	7th	278·7	*278·6*	+0·1	120	+ 24
238	Ona	62 52	6 33	14·6	1011·9	1013·7	+1·6	..	287·1	27th	275·4	272·4	16th	..	*277·3*	−0·3	107	+ 49
239	Trondheim	63 26	10 25	59·2	1005·5	1012·9	+1·2	279·3	287·1	28th	272·8	267·8	18th	276·1	*276·0*	−0·5	60	+ 15
240	Bodö	67 17	14 26	17·0	1008·2	1010·3	−0·9	..	281·4	28th	271·3	264·5	3rd	..	*273·7*	−1·3	79	+ 28
241	Haparanda	65 50	24 9	9·2	1009·5	1010·7	−2·4	274·8	283·3	29th	267·3	255·0	3rd	271·1	*271·4*	0·0	26	0
242	Helsingfors	60 10	24 57	11·7	1008·5	1009·9	−4·2	278·9	286·8	29th	272·7	268·9	7th	275·8	*275·7*	+1·1	56	+ 20
242a	Kuopio	62 55	27 40	233	981·6	1010·5	−3·0	277·8	288·0	27th	269·9	261·4	4th	273·9	*273·6*	−0·6	14	− 19
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics.

APRIL - ZONE 2 cont. TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 70° N. AND 60° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
243	Kola	68 53	33 1	6·7	1009·9	1010·8	–1·8	274·1	283·8	28th	264·8	249·5	3rd	269·4	*269·8*	–1·6	23	+ 9
244	Petrozavodsk	61 47	34 23	79·0	..	..	..	278·1	287·2	12th	270·6	259·3	5th	274·4	*274·0*	+0·1	23	– 5
245	Arkhangelsk	64 34	40 31	6·3	1010·6	1011·4	–2·2	277·9	291·3	29th	267·8	248·4	4th	272·8	*272·3*	+0·5	16	– 3
246	Mezen	65 50	44 16	17·4	1009·9	1012·1	–2·1	275·0	288·4	29th	266·3	246·7	3rd	270·6	*270·1*	–0·6	26	+12
247	Oust-Tsylma	65 25	52 18	73·8	1003·9	1013·3	–2·2	276·2	287·2	29th	267·2	243·7	3rd	271·7	*271·3*	+1·2	9	– 9
248	Tcherdyn	60 24	56 31	208	989·2	1014·9	–0·7	279·6	289·0	29th	271·2	257·9	3rd	275·4	*274·7*	+0·5	25	+ 2
249	Berezov	63 56	65 4	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249a	Yugor Strait	69 49	60 45	13·0	1011·5	1013·2	†0·5	266·3	274·5	..	258·8	239·6	..	262·5	*262·9*	+2·1	2	– 2
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	..	..	..	..	..	..	..	..	..	..	..	..	..	..
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	145·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Viliouisk	63 45	121 35	120	998·3	1013·9	..	270·2	281·3	28th	257·5	241·5	6th	263·8	*263·9*	–0·8	9	+ 2
262	Iakoutsk	62 1	129 43	108	999·0	1013·0	–0·4	270·9	281·7	29th	253·9	240·4	15th	262·4	*262·9*	–2·2	13	+ 4
263	Verkhoiansk	67 33	133 24	100	995·1	1008·4	–3·0	265·4	277·1	27th	245·6	231·7	7th	255·5	*256·0*	–4·1	7	+ 3
264	Petropavlovskoe	60 25	134 28	?163	989·9	1011·2	..	272·0	281·8	29th	256·2	240·7	15th	264·1	*264·8*	..	8	..
268	Naiakhan	61 55	158 59	29·0	1008·0	1011·8	..	..	..	..	261·2	249·6	3rd	..	*264·3*	..	27	..
271	Novo Mariinskii Post	64 45	177 33	17·2	1012·4	1014·6	–2·3	262·3	270·2	20th	254·8	243·2	2nd	258·6	*258·5*	0·0	2	– 3

APRIL - ZONE 3 BETWEEN LATITUDE 60° N. and 50° N.

		N.	W.															
302	St. Paul Island	57 15	170 10	5·8	..	1005·1	–3·7	273·4	275·8	4,8,17	269·1	261·3	2nd	271·3	..	+1·1	25	–15
303	Dutch Harbor	53 55	166 30	4·0	1004·7	1005·1	–2·9	278·7	284·1	21st	272·7	268·6	1st,9th	275·7	*275·3*	+0·8	121	+31
305	Dillingham	59 0	158 28	24·4	..	..	..	276·9	281·9	11th,30th	269·6	264·1	6th	273·2	..	+1·7	20	–11
306	Kodiak	57 48	152 22	4·6	1007·8	1008·4	†2·3	279·1	283·6	14th,15th	273·1	270·2	7th,20th	276·1	*276·0*	†0·4	125	+38
309	Sitka	57 3	135 19	4·6	..	..	..	280·0	283·6	17th	273·3	268·0	7th	276·7	..	–2·2	142	+ 3
310	Prince Rupert	54 18	130 18	51·8	1012·2	1018·6	†4·7	282·3	286·3	20th	274·7	271·3	7th	278·5	*278·7*	–0·7	189	+ 7
311	Prince George	53 50	122 48	570	948·0	1016·5	..	284·5	297·4	20th	269·8	261·3	9th	277·1	*277·2*	–0·6	31	+11
312	Kamloops	50 41	120 20	385	970·2	1016·3	–0·8	287·8	296·9	26th	275·6	269·7	7th	281·7	*281·8*	–1·1	6	– 5
313	Calgary	51 2	114 2	1079	888·6	1014·9	†1·7	280·2	291·9	25th	268·8	260·8	18th	274·5	*274·3*	–3·1	56	+37
314	Fort Smith	60 0	111 52	207	991·4	1017·9	..	274·8	286·3	22nd	260·9	249·1	9th	267·9	*267·8*	–1·8	44	+31
315	Prince Albert	53 10	105 45	436	963·3	1016·8	†0·7	280·8	295·8	22nd	269·8	261·9	11th	275·3	*275·1*	–0·3	12	– 9
316	Qu'Appelle	50 31	103 56	654	937·0	1015·5	–0·6	279·9	293·6	22nd	269·6	259·7	11th	274·8	*274·6*	–1·4	53	+24
317	Minnedosa	50 15	99 50	515	952·8	1015·5	–0·5	279·6	294·7	23rd	269·7	262·4	11th	274·7	*274·3*	–1·0	16	–10
318	Berens River	52 18	97 2	219	..	..	..	278·8	291·3	18th	266·3	259·7	3,12,14	272·6	..	†0·8	19	– 1
318a	Churchill	58 46	94 13	13·1	1018·9	1020·6	..	265·6	279·1	22nd	255·7	245·2	15th	260·6	*260·3*	..	17	..
319	Pagwa	50 3	85 18	189	..	..	..	280·6	289·7	18th	270·0	258·0	4th,15th	275·3	..	†2·0	..	..
320	Moose Factory	51 16	80 30	8·8	..	..	..	276·7	289·7	20th	265·7	255·8	21st	271·2	*271·2*	†0·5	..	..
320a	Moosonee	51 13	80 31	8·8	..	1015·4	..	274·8	288·6	20th	266·7	255·2	22nd	270·7	*270·6*	..	52	..
321	Fort George	53 50	79 5	97·5	..	..	..	272·9	281·9	11th	264·3	255·8	26th	268·6	*268·7*	†1·4	..	..
322	Mistassini Post	50 30	73 55	383	..	..	..	275·4	281·3	16th,20th	266·8	258·0	1st,23rd	271·1	..	–0·1	41	– 2
323	Fort Chimo	58 10	68 10	15·2	1013·5	1015·4	..	273·9	281·3	23rd	262·5	252·4	22nd	268·2	*268·2*	†2·3	..	..
324	Natashkwan	50 14	61 48	6·1	..	..	..	276·6	281·3	20th	270·4	263·0	12th,22nd	273·5	..	†2·1	38	–22
326	Belle Isle	51 53	55 23	130	1001·3	1017·9	†6·3	273·3	276·9	26th,28th	269·2	263·6	19th	271·3	*271·2*	†1·1	..	..
334	Valentia Observatory	51 56	10 15	13·7	1015·9	1017·6	†4·5	285·5	288·5	17th	280·6	274·7	21st	283·1	283·2	†1·2	74	–22
335	Aberdeen	57 10	W. 2 6	26·0	1013·4	1016·6	†4·2	283·8	289·2	9th	277·8	272·3	14th	280·8	280·8	†1·6	52	+ 1
336	Greenwich	51 29	0 0	46·3	..	1019·9	†5·7	288·6	295·8	8th	277·4	272·4	19th,23rd	283·0	282·7	†1·5	19	–18
337	Uccle	50 48	E. 4 22	100	1007·5	1019·8	†5·7	287·9	296·8	11th	277·0	271·3	15th	282·4	281·9	†0·7	16	–42
338	De Bilt	52 6	5 11	3·0	1018·7	1019·1	†5·3	286·8	294·4	11th	276·8	270·7	22nd	281·8	281·4	†0·4	19	–25
338a	Hamburg	53 33	9 58	40·3	1013·2	1018·2	†4·9	284·4	291·4	27th	276·7	273·2	23rd	280·5	280·3	–0·1	41	– 5
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1015·2	1015·8	†2·1	282·8	287·6	12th	275·1	271·0	18th	278·9	*279·2*	†1·1	15	–23
340	Potsdam	52 23	13 4	84·9	1006·8	1017·3	†3·2	284·9	294·1	12th	275·1	268·4	19th	280·0	279·8	–1·0	30	– 3
340a	Uppsala	59 51	17 38	24	1008·8	1011·8	–1·5	281·5	290·5	29th	271·7	265·6	22nd	276·6	276·7	†0·5	20	–10
341	Warsaw	52 13	21 3	88·3	1004·0	1015·0	†0·2	282·0	290·4	30th	274·1	270·5	19th	278·0	*278·1*	–2·2	32	– 8
342	Tartu	58 23	26 43	80·8	999·4	1009·4	–4·5	280·5	287·7	13th	273·0	270·0	16th	276·7	276·4	0·0	59	+32
343	Leningrad	59 56	30 16	8·6	1008·6	1009·7	–4·8	280·4	287·4	28th	273·3	269·3	10th	276·8	*276·4*	†1·0	29	+ 3
344	Moscow	55 50	37 33	167·2	989·5	1010·0	–6·5	281·2	287·4	30th	274·0	270·1	17th	277·6	*277·1*	†0·7	64	+27
345	Saratov	51 34	46 0	135	995·6	1012·0	–5·2	285·2	296·0	27th	275·3	271·6	5th	280·2	*279·6*	+2·6	80	..
346	Kazan	55 47	49 8	82·4	1003·1	1013·2	–5·9	284·5	291·4	30th	275·1	272·6	3rd	279·8	*279·3*	†2·8	30	+ 6
347	Orenburg	51 45	55 6	109	1001·5	1014·8	–6·6	285·9	303·7	28th	275·4	264·6	1st	280·6	*280·3*	†3·0	28	+ 8
348	Perm	58 1	56 16	159	995·0	1014·7	–4·5	282·5	291·8	29th	272·7	264·3	1st	277·6	*277·2*	†1·9	21	– 7
349	Sverdlovsk	56 50	60 38	281	981·8	1016·3	–2·6	281·4	290·0	24th	272·7	261·1	1st	277·0	*276·0*	†1·3	42	+27
350	Tobolsk	58 12	68 14	108	1005·5	1018·0	–1·0	280·5	288·6	24th	271·1	254·7	1st	275·8	*275·2*	†1·3	13	– 3
351	Akmolinsk	51 12	71 23	347	976·3	1019·2	–3·9	285·0	298·5	27th	273·3	256·0	1st	279·2	*278·5*	†4·3	19	+ 5
352	Omsk	55 1	73 19	108	1006·0	1019·1	–1·0	282·2	294·8	24th	271·7	255·7	1st	277·0	*276·1*	†2·9	32	+18
353	Barnaoul	53 20	83 47	158	1001·1	1020·7	–1·0	283·6	297·3	25th	271·8	261·4	2nd	277·7	*277·1*	†3·2	24	+ 9
354	Tomsk	56 30	84 58	123	1004·8	1020·2	†0·1	279·7	288·4	20th	268·8	253·2	5th	274·2	*273·8*	†1·8	22	– 2
355	Minousinsk	53 43	91 41	249	989·2	1020·0	–0·8	283·3	291·2	18th	270·0	262·6	6th	276·6	*276·1*	†0·8	11	– 2
356	Eniseisk	58 27	92 10	78	1008·6	1018·5	†0·7	279·3	287·7	17th	265·3	249·6	6th	272·3	*271·8*	†0·2	22	+ 4
357	Irkutsk	52 16	104 19	467	961·5	1018·8	–0·9	280·8	288·4	21st	267·6	257·5	10th	274·2	*273·7*	†0·3	10	– 5
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	665	932·4	1013·1	–1·7	278·4	287·0	2nd	265·0	256·5	10th	271·7	*271·6*	–1·9	9	– 1
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

‡See Table of Authorities, Remarks, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N. APRIL - ZONE 3 cont.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
361	Tygan Ourkan	54 5	124 46	379	964·3	1011·6	†0·3	275·4	284·0	28th	263·1	248·8	5th	269·2	*269·4*	–2·2	32	+13
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	992·3	1009·9	–1·6	280·3	288·5	29th	269·1	263·7	2nd	274·7	*274·1*	–1·3	7	–17
364	Chantar Bolchoy	54 50	137 30	?20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1004·2	1009·6	–1·1	274·9	284·6	4th	264·4	246·1	1st	269·6	*269·5*	–0·4	85	+56
366	Okhotsk	59 21	143 17	5·5	1010·2	1010·9	–1·9	271·4	276·7	25th	261·4	255·4	1st	266·4	*266·1*	–0·5	11	+ 1
368	Petropavlovsk (Phare)	52 53	158 43	87·1	997·8	1008·8	–0·4	272·0	276·5	29th	267·6	258·9	3rd	269·8	*269·8*	–1·2	20	–44
369	Kluchevskoye	56 21	160 48	23·5	1008·3	1011·3	..	..	..	..	263·2	247·5	3rd	..	*267·9*	..	9	..
370	Nikolskoe	55 12 N.	165 59 E.	6·8	1007·9	1008·8	..	..	..	..	269·1	262·4	7th	..	*270·9*	..	18	..

BETWEEN LATITUDE 50° N. AND 40° N. APRIL - ZONE 4

		N.	W.															
411	Victoria, B. C.	48 24	123 19	69·5	1010·0	1018·5	+1·8	285·2	290·2	19th	278·1	275·2	8th	281·7	*281·4*	–0·1	9	–30
412	Portland, Oregon	45 32	122 41	46·6	1013·9	1019·3	+1·2	289·4	297·4	27th	278·4	274·1	10th	283·9	*283·6*	+0·2	24	–53
413	Macleod	49 44	113 24	953	..	..	..	283·0	296·3	26th	271·4	259·7	18th	277·2	*277·4*	–1·6	53	+31
414	Helena	46 34	112 4	1257	872·0	1015·2	0·0	283·8	294·1	25th	272·3	263·0	10th	278·1	*278·0*	–1·4	38	+10
414a	Salt Lake City	40 46	111 54	1328	864·9	1013·2	–0·4	286·9	295·8	15th	275·6	268·6	10th	281·2	*281·4*	–1·8	33	–20
415	Cheyenne	41 8	104 48	1857	808·7	1012·5	–1·6	282·5	293·0	16th	269·9	259·7	10th	276·2	*276·5*	–1·8	122	+75
416	North Platte	41 8	100 45	860	912·3	1011·2	–2·6	289·5	299·1	28th	275·6	265·2	14th	282·5	*282·4*	+0·4	121	+67
416a	Bismarck	46 47	100 48	510	952·6	1013·5	–1·9	284·8	300·8	16th	272·9	263·0	10th	278·8	*278·6*	–0·4	19	–22
417	Winnipeg	49 53	97 7	232	986·6	1015·3	..	280·4	295·2	18th	271·1	263·0	11th	275·7	*275·6*	–0·5	25	–11
418	Duluth	46 47	92 6	345	971·9	1013·9	–2·4	279·8	295·8	23rd	271·2	265·8	12th	275·5	*275·3*	–0·6	55	+ 3
419	Port Arthur	48 27	89 12	196	990·2	1014·5	–1·8	278·7	296·9	23rd	270·8	265·8	7th,12th	274·7	*274·7*	–0·2	62	+24
420	Chicago	41 47	87 35	205	988·1	1012·8	–3·0	285·1	299·7	29th	277·4	273·6	7th	281·2	*280·7*	–0·4	66	– 6
421	Toronto	43 40	79 24	116	1000·3	1014·5	–2·0	284·4	294·7	24th	276·0	270·2	27th	280·2	*280·1*	+1·6	65	+ 7
422	New York (Central Park)	40 47	73 58	47·4	1009·9	1015·7	†0·1	287·4	298·6	29th	279·1	273·6	23rd	283·2	282·9	†0·4	132	+45
423	St. John, N.B.	45 17	66 4	36·3	1012·0	1016·5	..	280·9	286·9	6th	273·3	267·4	23rd	277·1	*276·8*	†0·4	132	+43
424	S.W. Point, Anticosti	49 24	63 33	9·1	1014·9	1016·1	..	276·4	280·2	17th	269·3	263·6	23rd	272·9	*273·0*	†0·7	44	– 1
424a	Sable Island (Main Station)	43 57	60 6	7·6	1017·3	1018·2	..	278·3	283·0	26th	273·9	271·9	1,12,23	276·1	*276·1*	†0·2	53	–40
426	St. John's, Newfoundland	47 34	52 42	74·1	1007·0	1016·3	†4·6	278·5	290·8	26th	271·7	265·8	4th	275·1	*275·0*	†0·5	72	–37
435	Madrid	40 24	3 41	667	940·3	1016·8	†1·5	294·6	298·5	7th	281·5	277·2	22nd,23rd	288·0	*287·0*	†3·5	5	–32
436	Nantes	47 15	W. 1 34	36·5	1014·8	1019·2	†4·6	289·7	298·0	11th	278·2	272·7	21st	283·9	284·0	†1·1	26	–25
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1014·0	1020·1	†6·2	290·1	299·2	11th	277·9	271·9	20th	284·0	283·9	†1·3	14	–30
438	Marseille	43 18	5 23	75	..	1015·2	†3·4	292·7	296·6	17th	280·6	274·8	24th	286·6	*286·7*	†1·0	16	–39
438a	Zurich	47 23	8 33	493	960·0	1018·5	†4·1	288·9	297·2	12th	277·3	271·6	24th	283·1	282·3	†0·7	71	–19
439	Rome	41 54	12 29	45·5	1010·4	1015·9	†3·1	292·7	297·2	18th	282·6	278·5	25th	287·6	*287·5*	†0·9	38	–28
440	Vienna	48 15	16 22	203	992·7	1017·4	†3·8	284·5	294·5	30th	277·7	274·4	10th	281·1	281·2	–1·7	33	–20
440a	Budapest	47 31	19 1	130	999·9	1015·7	†2·7	287·6	296·9	30th	278·0	273·7	10th	282·8	282·5	–1·6	17	–41
441	Sofia	42 42	23 20	550	949·7	1014·8	†1·5	286·3	295·0	21st	276·5	268·2	10th	281·4	*281·3*	–1·8	68	+16
442	Bucharest	44 25	26 6	82	1004·2	1014·0	†0·5	287·6	295·6	30th	276·8	272·4	10th	282·2	281·9	–2·3	44	0
443	Odessa (Observatory)	46 26	30 46	42·8	..	..	..	282·5	287·3	30th	275·8	271·7	18th	279·2	*278·6*	–3·0	54	+29
444	Novorossiisk	44 44	37 49	37·1	1009·0	1013·5	–1·3	285·4	297·7	24th	278·8	274·1	11th	282·1	*281·9*	–1·6	179	+135
445	Tiflis	41 43	44 48	404	966·2	1014·0	–2·2	289·2	301·4	26th	278·3	271·8	17th	283·8	*283·3*	–1·1	29	–27
446	Astrakhan	46 21	48 2	–20	1015·1	1012·7	–4·6	288·6	299·0	27th	277·6	271·1	1st	283·1	*282·6*	†0·8	34	+22
447	Fort Alexandrovsk	44 31	50 7	–23·0	1015·6	1012·8	–3·2	286·2	301·8	27th	279·3	274·3	1st	282·8	*282·3*	–0·5	63	+49
448	Krasnovodsk	40 0	52 59	– 7·4	1014·2	1013·3	–2·1	290·8	304·5	26th	282·5	277·5	14th	286·6	*286·3*	–0·4	9	–15
449	Kasalinsk	45 46	62 7	66·7	1007·0	1015·1	–3·7	292·1	306·3	29th	278·6	269·4	1st	285·4	*285·2*	+3·4	19	+ 5
450	Tashkent	41 20	69 18	479	957·9	1013·2	–2·6	294·4	302·3	30th	282·6	276·6	12th	288·5	*288·2*	+0·9	40	–14
451	Andijan	40 44	72 20	496	955·6	1012·7	..	295·8	303·2	29th	283·2	277·0	18th	289·5	*289·1*	..	16	..
452	Alma Ata	43 16	76 55	848	918·7	1015·4	–2·0	291·0	298·3	28th	280·8	275·8	3rd	285·9	*285·5*	..	41	–52
459	Peiping	40 0	116 22	84·5	1007·7	1017·9	..	291·9	299·3	30th	278·2	270·8	12th	285·1	285·4	..	26	..
461	Fengtien (Moukden)	41 47	123 24	44·3	1008·9	1014·4	0·0	289·0	293·6	29th	275·3	268·1	16th	282·1	282·2	†0·6	16	–11
462	Joshin	40 40	129 12	31·9	1011·6	1015·6	†1·6	284·2	291·9	24th	275·5	271·8	12th	279·9	279·2	–0·4	20	–10
463	Yuki	42 20	130 24	63·8	1007·2	1015·1	†1·2	282·7	291·6	24th	274·0	270·6	5th	278·3	278·1	–0·2	24	– 7
464	Vladivostok	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
465	Ochini	47 20	142 47	27·4	1008·6	1012·2	†0·6	278·6	285·5	29th	268·7	257·7	2nd	273·7	273·6	–0·1	23	–21
466	Nemuro	43 20	145 35	26·7	1012·2	1015·6	†1·9	278·4	288·6	25th	271·2	263·9	2nd	274·8	274·7	–1·1	49	–24
466a	Syana	45 14 N.	147 53 E.	39·3	1009·5	1014·6	†1·5	277·2	282·4	8th	269·2	260·9	3rd,4th	273·2	273·1	–1·3	45	–20

BETWEEN LATITUDE 40° N. AND 30° N. APRIL - ZONE 5 (AMERICA)

		N.	W.															
511	San Francisco	37 48	122 26	47·2	1010·1	1015·9	–1·9	289·9	300·8	2nd	282·2	279·1	18th	286·1	*285·2*	+0·7	2	–38
512	Sacramento	38 35	121 30	20·1	1011·8	1014·2	–1·7	294·2	301·3	27th	280·9	275·2	17th	287·6	*287·8*	+0·1	1	–36
513	San Diego	32 43	117 10	26·5	1011·8	1014·9	–0·9	290·5	298·0	14th	284·2	280·2	18th	287·3	*287·2*	–0·3	44	+28
514	Modena	37 48	113 54	1668	830·0	1010·8	–1·1	287·3	294·7	3rd	270·7	263·0	10th	279·0	*279·3*	–1·3	6	–15
515	Santa Fé	35 41	105 57	2138	783·3	1010·5	–1·5	285·9	291·9	2nd	272·2	261·3	14th	279·0	*279·3*	–2·4	20	– 3
516	Denver	39 45	105 0	1613	832·7	1011·2	–2·0	286·9	296·9	17th	273·8	263·6	14th	280·3	280·1	–1·3	104	+50
517	Abilene	32 23	99 40	530	949·9	1010·5	–2·8	299·5	306·9	18th	283·8	276·3	14th	291·7	*291·2*	†0·9	11	–55
518	Saint Louis	38 38	90 12	173	991·2	1011·5	–3·5	291·1	303·0	30th	281·0	275·2	7th	286·1	*286·0*	–0·1	98	+ 2
519	Mobile	30 41	88 2	17·4	1011·5	1013·5	–3·1	296·6	301·3	25th	288·0	281·9	16th	292·3	*292·0*	+0·4	359	+234
520	Nashville	36 10	86 47	166	993·9	1013·9	–2·8	293·3	299·7	30th	282·4	277·4	12th	287·9	*287·8*	0·0	106	– 6
521	Charleston	32 47	79 56	14·6	1013·2	1014·9	–2·2	294·9	301·3	26th	287·2	282·4	22nd	291·1	*291·4*	+0·4	58	–16
522	Washington	38 54	77 3	34·1	1010·8	1014·9	–1·2	291·7	301·3	29th	280·7	273·6	23rd	286·2	*285·8*	+1·2	119	+37
524	Bermuda	32 22	64 40	48·2	..	1015·4	..	294·7	297·4	19th	289·1	285·8	1st	291·9	*291·7*	+0·6	185	+82
		° N.	° W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

◊Change of normals, see Table of Authorities, pages 105-15.

APRIL - ZONE 5 (EUROPE, AFRICA, ASIA) TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	Mean at M.S.L.	Diff. from Normal	TEMPERATURE Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean*	Diff. from Normal	PRECIPITATION Total	Diff. from Normal
		° N.	° W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 8	40	1009·8	1015·2	–5·3	290·3	292·7	24th	285·9	282·8	3rd	288·1	288·0	0·0	173	+59
531	Horta	38 32	28 38	65	1008·5	1016·3	–4·7	290·9	292·7	11th	285·5	283·9	20th	288·2	288·1	–0·3	45	–31
532	Ponta Delgada	37 44	25 40	22	1015·0	1017·6	–3·5	290·2	291·1	21st	286·4	283·6	25th	288·3	288·5	†0·4	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	83	–24
533	Madeira (Funchal)	32 38	16 55	25	1016·0	1019·0	+0·1	293·6	296·0	26th	287·4	282·9	2nd	290·5	*290·7*	+1·5	2	–47
535	Lisbon	38 43	9 9	95	1007·2	1018·5	+2·7	293·3	299·0	7th	284·8	281·6	10th	289·0	288·8	+1·6	5	–61
536	Gibraltar	36 6	5 21	27·4	..	1017·6	+1·0	295·3	300·8	30th	284·9	281·9	5th	290·1	*289·1*	+1·0	73	+ 5
536a	Colomb-Béchar	31 37	W. 2 13	769	927·9	1014·2	+2·6	300·2	306·9	30th	286·4	279·4	6th	293·3	*293·0*	+1·0	1	0
537	Palma	39 34	E. 2 39	23	1013·5	1016·2	+1·4	294·5	301·8	30th	280·2	276·2	3rd,7th	287·4	*286·2*	–0·6	12	–24
538	Algiers	36 46	3 13	59	1010·1	1017·1	+2·6	293·9	307·4	30th	286·9	283·0	23rd,24th	290·4	290·0	+1·4	14	–37
538a	Gadames	30 8	9 30	361	..	..	..	306·2	318·0	20th	284·7	280·4	9th	295·5	..	+0·2	0	– 2
539	Tunis	36 48	10 10	66	1008·8	1016·7	+3·1	293·8	305·7	30th	283·2	279·8	25th	288·5	*288·3*	+0·5	4	–34
540	Malta	35 54	14 31	71·2	..	1016·4	+3·5	291·4	296·3	20th	285·6	281·9	24th	288·5	*287·7*	–0·6	1	–21
541	Athens	37 58	23 43	107	1001·7	1014·5	+1·2	291·2	295·9	22nd	282·8	278·0	11th	287·0	286·4	–1·4	30	+ 8
542	Alexandria	31 12	29 53	32	1012·2	1016·0	+1·9	295·2	303·2	22nd	286·2	285·1	7,10,15	290·7	*290·1*	–1·3	1	– 2
543	Ankara	39 58	32 48	861	913·4	1013·2	–0·9	286·4	299·7	24th	274·0	266·5	7th	280·2	*280·4*	..	49	..
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1012·6	+0·6	294·4	304·1	24th	280·9	276·9	12th,13th	287·7	..	–2·0	8	–14
544	Beirut	33 54	35 28	33·7	..	1014·0	+0·6	293·6	297·9	24th	285·9	282·8	15th	289·8	*289·6*	–1·4	35	–22
545	Hinaidi	33 17	44 29	32·9	1007·8	1011·6	–0·4	299·7	309·1	25th	283·9	279·1	16th	291·8	*292·0*	–2·6	3	– 8
546	Lenkoran	38 46	48 51	–20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	Tehran	35 41	51 25	1220	..	..	..	292·9	303·0	26th	280·7	274·7	7th	286·8	*287·1*	–1·6	39	+ 4
548	Meshed	36 17	59 36	946	..	..	..	294·2	303·0	28th	..	..	..	..	..	..	53	+ 6
549	Seistan	31 2	61 30	2610	953·9	..	..	303·0	307·4	29th	287·7	281·3	5th	295·3	..	+1·0	3	– 1
550	Quetta	30 10	67 1	1647	834·2	..	–1·1	294·7	299·1	26th	281·3	275·8	23rd	288·0	*288·3*	–0·3	30	+ 4
551	Peshawar	34 1	71 35	355	971·2	1011·8	+1·0	300·6	308·0	29th	287·9	282·4	6th	294·3	*294·1*	–1·4	26	–21
551a	Lahore	31 35	74 20	214	985·0	1009·4	+1·6	305·0	311·3	27th,30th	290·2	285·2	14th	297·6	*297·5*	–2·7	18	+ 4
552	Simla	31 6	77 10	2202	781·2	..	0·0	289·6	294·1	27th	281·6	275·8	14th,15th	285·6	*285·9*	–2·5	75	+26
552a	Leh	34 9	77 34	3503	665·9	..	–0·4	284·1	288·6	5th	271·0	266·3	8th,26th	277·5	*276·9*	–1·6	10	+ 4
558	Sian	34 31	109 5	365	968·6	1010·8	..	295·4	309·5	30th	283·4	277·5	9th	289·4	290·6	..	42	..
559	Hankow	30 35	114 17	39·1	1010·7	1015·4	–0·1	293·1	303·5	30th	285·4	278·0	10th	289·3	*289·2*	–0·2	161	+ 8
560	Tientsin	39 9	117 9	6·4	1014·3	1014·8	–0·5	292·9	304·8	29th	279·4	273·4	8th	286·2	*285·9*	–0·2	21	+ 7
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1015·0	1015·8	+0·1	291·3	303·1	30th	282·2	277·3	1st	286·8	286·1	–0·4	129	+36
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1008·3	1016·8	+1·5	288·3	296·4	30th	278·7	272·5	1st	283·5	282·7	+0·2	65	+ 2
562a	Nagasaki	32 44	129 52	133	1000·1	1016·1	+0·7	291·8	297·1	24th	283·2	278·7	1st	287·5	287·0	–0·2	278	+74
563	Kyoto	35 1	135 44	42·9	1011·8	1017·1	+1·7	292·0	299·0	24th	279·8	273·0	2nd	285·9	285·7	†0·5	153	– 6
564	Tokyo	35 41	139 46	5·8	1016·2	1016·9	+1·5	289·3	294·4	25th	281·4	277·1	2nd	285·3	285·3	–0·2	135	+10
565	Hukusima	37 45	140 28	68·5	1008·9	1017·4	+2·2	289·6	298·4	25th	277·0	271·2	13th	283·3	283·0	–0·2	75	–13
566	Miyako	39 38	141 59	30·4	1012·7	1016·6	+1·9	286·0	295·2	25th	274·1	270·2	2nd	280·1	279·8	–1·4	33	–65
		N.	E.															

APRIL - ZONE 6 (AMERICA, AFRICA) BETWEEN LATITUDE 30° N. AND 20° N.

		N.	W.															
601	Midway Island	28 13	177 22	5·8	1020·4	1021·1	..	298·1	300·8	30th	..	..	..	..	..	..	17	–82
605	Honolulu	21 19	157 52	11·6	1016·2	1017·6	–0·3	297·9	299·7	14th	292·4	288·0	4th	295·2	*295·1*	–0·6	7	–54
613	Guaymas	27 55	110 53	8·3	1011·9	1012·9	+0·4	300·2	305·5	16th	290·1	286·8	19th	295·1	*294·8*	–0·9	0	– 4
614	La Paz, Mexico	24 10	110 20	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..
615	Leon	21 7	101 41	1809	817·6	1003·3	–3·2	303·3	306·7	10th	284·7	280·4	5th	294·0	294·6	+0·2	0	– 6
616	Monterry	25 40	100 18	528	949·9	1008·6	–2·2	303·6	310·5	29th	290·9	282·7	15th	297·3	*296·9*	+1·4	3	–25
617	Tulancingo	20 5	98 22	2181	788·4	..	–1·0	302·6	306·8	20th	282·2	277·7	15th	292·4	*290·9*	+0·7	2	–33
618	Galveston	29 18	94 50	16·5	1009·8	1011·8	–3·6	297·0	303·0	27th	291·8	281·3	15th	294·4	*294·0*	+1·1	12	–69
618a	New Orleans	29 57	90 4	16·2	1011·2	1012·8	–3·0	298·2	305·2	28th	289·9	280·8	15th	294·1	*293·8*	+0·7	162	+41
619	Merida, Yucatan	20 58	89 38	22	1008·3	1010·8	–3·2	307·4	310·0	10th	295·7	291·4	17th	301·5	300·7	+1·5	27	+ 5
620	Havana	23 7	82 25	77·0	1004·3	1013·1	–3·0	302·6	304·5	10th	294·4	291·9	24th	298·5	298·2	+0·8	25	–37
620a	Key West	24 33	81 48	6·7	1013·5	1014·2	–2·2	302·1	304·7	11th	295·6	293·6	26th	298·9	*298·5*	+1·6	15	–17
621	Nassau, Bahamas	25 5	77 20	5·4	..	1016·6	–0·6	300·7	304·1	29th	294·8	291·9	20th	297·8	*297·7*	+0·9	4	–60
622	San Salvedor (Watling Island)	24 6	74 26	33·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
633	Port Etienne	20 56	17 3	4	..	..	..	..	..	..	..	..	..	..	‡*292·1*	..	0	– 2
634	La Laguna	28 28	16 20	547	951·6	1014·2	–3·1	294·9	302·7	11th	283·8	278·6	8th	289·4	*289·5*	+2·0	0	–47
634m	Izaña	28 19	16 30	2367	768·5	..	+1·9	285·4	288·9	25th	278·0	271·5	1st	281·7	*281·6*	+2·2	6	–30
636	Adrar	27 52	W. 0 17	285	980·3	1012·5	..	305·1	312·1	30th	287·4	280·0	5th	296·3	*298·4*	0·0	0	..
638	Tamanrasset (Fort Laperrine)	22 47	E. 5 31	1350	864·0	1007·4	+1·0	301·1	305·6	30th	286·4	278·3	6th	293·7	294·4	–1·5	1	– 5
639	Gat	24 58	10 11	566	..	..	..	307·2	311·8	5th	290·9	286·6	8th,9th	299·1	*297·2*	..	0	..
640	Mon	29 8	15 56	207	..	..	..	302·7	313·0	21st	281·0	275·5	13th	291·9	*292·6*	..	1	..
641	Ciarabub	29 44	24 31	15	..	..	..	300·3	310·0	22nd	285·2	280·1	14th	292·7	*293·9*	..	0	..
642	Siwa	29 12	25 29	15	1017·8	1015·9	+0·6	299·7	311·4	23rd	281·2	279·0	5th,17th	290·5	*291·0*	–3·3	0	– 1
643	Cairo (Helwan)	29 52	31 20	116	1001·2	1014·8	+1·5	298·7	308·3	30th	285·1	280·5	12th	291·9	291·8	–2·3	0	– 4
643a	Aswan	24 2	32 53	100	1000·6	1012·1	+1·2	306·1	314·8	24th	289·5	285·5	3rd	297·8	296·9	–2·2	..	..
644	Tor	28 14	33 37	1·9	1012·0	1012·2	+1·1	298·8	307·5	23rd	287·7	282·5	16th	293·3	293·2	–1·4	0	0
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics.

‡See Table of Authorities, Remarks, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N. APRIL - ZONE 6 (ASIA)

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	Mean at M.S.L.	Diff. from Normal	TEMPERATURE Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean*	Diff. from Normal	PRECIPITATION Total	Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	28 59	50 49	4·3	1009·6	1010·1	..	298·8	303·6	9th	291·2	287·4	4th	295·0	*294·3*	–1·4	5	– 8
648	Jask	25 45	57 45	4·0	1009·0	1009·4	..	302·7	306·3	11th,30th	295·0	290·8	2nd	298·8	*298·1*	–0·6	75	+ 71
649	Manora (Karachi)	24 48	66 59	4·0	1009·0	1009·4	0·0	302·9	306·9	3,7,25	296·7	294·1	6th	299·8	*299·1*	+0·5	1	– 3
650	Jacobabad	28 17	68 29	56·7	1001·4	1007·9	+0·3	308·9	313·6	26th,29th	294·6	287·4	6th,7th	301·8	*301·3*	–0·5	3	– 2
651	Jaipur	26 55	75 50	436	961·2	1009·4	+1·1	308·7	313·0	27th, 28th	293·1	287·4	16th	300·9	*300·8*	–2·4	18	+ 14
652	Nagpur	21 9	79 7	310	974·9	1009·3	+1·0	312·0	314·7	5 days	295·9	292·4	11th	303·9	*303·7*	–1·4	33	+ 19
653	Allahabad	25 26	81 50	94·2	997·5	1008·1	+0·7	310·2	314·7	5th,22nd	292·3	288·0	14th	301·2	*300·9*	–2·5	44	+ 40
653a	Darjiling	27 3	88 16	2265	775·1	..	+0·5	287·3	292·4	2nd,4th	280·8	274·1	26th	284·1	*284·4*	–1·4	247	+148
654	Calcutta	22 32	88 20	6·4	1008·2	1009·0	+0·7	308·0	311·3	2,3,5	297·2	293·0	15th	302·6	*302·2*	–0·2	80	+ 32
655	Gauhati	26 11	91 45	55·5	1003·5	1009·9	+0·1	303·6	310·2	1st	292·2	288·6	2nd	297·9	*296·8*	+0·1	170	+ 3
655a	Akyab	20 8	92 55	8·8	1010·1	1011·2	+0·6	304·6	306·3	4th,11th	296·1	291·9	14th	300·3	*300·0*	–1·2	95	+ 43
655m	Cherrapunji	25 15	91 44	1313	868·6	..	+0·4	294·3	299·7	1st	287·3	283·6	15th	290·8	*290·1*	+0·2	704	– 12
656	Mandalay	21 59	96 6	76·2	1000·8	1009·3	+0·1	310·4	313·6	23rd,24th	297·7	293·6	13th	304·1	*303·6*	–1·2	35	+ 7
656a	Tengyueh	25 0	98 40	1634	834·2	1008·0	..	295·6	299·0	4th,30th	282·0	279·5	2,16,20	288·8	288·6	+0·4	56	– 17
657	Phu Lien	20 48	106 38	116	..	1010·8	+0·3	298·8	302·4	29th	294·3	289·2	1st	296·5	295·9	+0·4	62	– 15
658	Moncay	21 31	107 58	9·0	..	1010·8	0·0	298·8	303·9	17th	293·7	287·7	1st	296·2	*295·4*	+0·4	100	– 6
659	Hongkong	22 18	114 10	33·2	..	1013·0	+0·4	298·2	303·3	26th	293·2	287·0	1st	295·7	295·1	+0·9	49	– 95
660	Amoy	24 26	118 4	4·9	1014·6	1015·2	+0·2	296·5	302·0	25th	291·2	287·0	1st	293·9	293·3	+0·9	26	–100
661	Taihoku, Formosa	25 2	121 31	9·3	1013·2	1014·3	+0·2	299·7	304·4	7th	291·4	287·1	1st,4th	295·5	295·0	+1·4	30	–141
661a	Basco	20 28	121 59	18·7	..	1011·8	+0·7	302·0	303·5	17,21,30	296·5	293·0	1st	299·3	299·0	0·0	99	– 6
662	Naha	26 12	127 39	29·5	1011·6	1015·1	+0·6	296·8	300·0	25th	291·1	284·6	2nd	294·0	293·8	–0·1	97	– 66
665	Titizima (Bonin Islands)	27 5 N.	142 11 E.	4·3	1016·0	1016·4	+0·6	298·7	301·6	21st	291·7	285·7	9th	295·2	294·7	+1·2	156	+ 36

BETWEEN LATITUDE 20° N. AND 10° N. APRIL - ZONE 7

		N.	W.															
715	Colima	19 12	103 45	498	955·2	1010·8	–0·6	307·5	312·0	13th	288·4	284·1	5th	297·9	*297·1*	–0·3	0	0
716	Morelia	19 42	101 7	1923	808·5	1006·1	–1·2	300·0	303·1	10th	285·1	282·0	6th	292·5	*292·7*	+0·9	0	– 9
717	Mexico, Tacubaya	19 24	99 12	2309	774·1	..	–0·1	302·1	306·4	10th	280·9	278·0	16th	291·5	290·7	+0·9	4	– 16
718	Salina Cruz	16 12	95 12	56	1003·6	1010·0	–1·5	302·1	308·4	12th	295·6	293·2	16th	298·9	*299·5*	–1·0	0	– 7
719	gSan Salvador	13 42	89 13	682	936·8	1012·2	+0·4	307·4	309·6	1st,9th	291·5	289·6	6th	299·5	*297·0*	–0·3	2	– 43
720	Belize	17 31	88 11	5·2	1010·7	1011·3	–2·2	303·7	305·2	8th	297·6	292·2	16th	300·6	*300·2*	+0·7	0	– 57
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1013·2	–0·6	302·6	305·6	13th	294·2	292·6	9th	298·4	*298·6*	–0·2	9	– 65
722	Port au Prince	18 33	72 20	37·4	1009·3	1013·5	–1·2	304·6	307·6	5th	295·6	293·5	30th	300·0	*300·0*	+0·9	49	–115
723	Caracas	10 30	66 55	1043	897·1	1009·9	..	302·3	305·5	30th	289·4	286·2	9th	295·9	*295·2*	+1·7	25	– 15
724	San Juan, Porto Rico	18 29	66 7	25·0	1011·5	1014·5	–1·4	301·0	305·8	26th	294·9	293·6	19th	297·9	*297·6*	+0·1	162	+ 64
724a	Grenada (Richmond Hill)	12 5	61 46	188	992·8	1014·1	..	303·5	304·7	6th,8th	295·7	294·1	13th	299·6	*299·2*	+0·5	82	+ 27
725	Barbados	13 8	59 36	57·9	..	1013·7	–0·6	302·7	303·8	28th	294·7	292·4	7th	298·7	*298·6*	–0·2	52	+ 12
731	São Vicente, C.Verde Is.	16 54	25 4	11	1012·4	1013·7	–0·8	297·8	302·0	13th	291·2	289·8	12th	294·5	*295·4*	+0·3	0	0
732	gSan Tiago, C. Verde Is.	14 54	23 31	34	..	..	..	300·7	304·5	20th	..	..	..	..	*297·5*	..	0	– 2
733	Dakar	14 40	17 26	32	1006·4	1010·1	..	302·6	310·5	11th	293·1	291·2	7th	297·9	*297·3*	+1·9	0	– 1
734	gBathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	301·9	309·7	21st	293·0	289·7	2nd	297·4	*297·2*	+1·0	0	0
735	Bamako	12 39	7 58	340	971·0	1008·2	..	309·7	312·8	27th	299·0	295·0	12th	304·3	*304·2*	..	5	..
736	Kabara	16 45	W. 3 1	273	..	..	..	307·4	311·8	29th	293·7	290·2	13th	300·6	*300·5*	..	1	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	314·6	316·3	5th,26th	299·7	294·7	15th	307·2	*306·8*	+1·1	13	+ 3
738	Kaduna Capital	10 32	7 25	584	940·7	1003·6	..	307·3	310·8	12,14,15	295·4	291·3	15th	301·3	*300·8*	+0·4	77	– 1
739	Bilma	18 41	12 55	356	..	..	..	..	318·2	4th	..	284·2	19th	..	..	..	0	..
740	Maiduguri	11 47	13 11	361	..	..	..	315·4	317·4	18th	..	..	..	..	‡*306·7*	+0·4	3	– 7
741	El Fasher	13 32	25 18	730	926·6	1005·5	..	312·4	316·0	8th	290·5	287·0	9th,25th	301·5	*300·0*	–0·5	0	– 1
743	El Obeid	13 11	30 14	563	945·4	1006·8	+0·8	311·5	314·6	1st	292·2	289·0	4th	301·9	*301·6*	–0·1	0	– 1
743a	Khartoum	15 37	32 33	380	964·8	1006·4	+0·1	312·8	317·0	9th	294·1	289·7	4th	303·5	*303·5*	–0·7	0	0
744	Port Sudan	19 37	37 13	5·5	1010·2	1010·8	+0·9	302·7	306·4	30th	292·5	288·6	20th	297·6	*298·0*	–1·3	0	– 1
745	Berbera, Somaliland	10 26	45 2	13·8	1007·5	1009·1	–1·1	304·8	305·8	16,24,25	299·0	297·4	9th,11th	301·9	*301·7*	+0·5	0	– 12
746	Aden	12 49	45 2	29·9	1009·6	1012·9	+2·1	306·7	308·6	11,14,22	299·7	296·9	12th	303·2	*302·2*	+1·7	0	– 5
751	Bombay	18 54	72 49	11·3	1009·8	1011·0	+0·3	305·5	307·4	5th,19th	298·4	295·8	2nd	301·9	301·6	+0·5	0	– 1
752	Kodaikanal	10 14	77 28	2343	772·2	..	+0·4	292·4	294·7	8th	284·9	282·4	11th	288·7	288·3	+0·4	167	+ 59
752a	Bangalore	12 58	77 35	921	910·5	1009·5	+0·5	307·7	309·7	4 days	294·1	291·9	5th,12th	300·9	*300·2*	+0·6	24	– 10
753	Madras	13 4	80 15	6·7	1009·8	1010·7	+0·5	305·9	309·7	15th	298·3	294·7	1st	302·1	*301·6*	–0·1	1	– 13
754	Vizagapatam	17 42	83 18	38·4	1005·7	1010·1	+0·4	304·4	306·3	22nd,29th	299·2	297·4	3rd	301·8	*301·2*	–0·9	1	– 17
755	Port Blair	11 40	92 43	18·0	1008·8	1010·8	+0·1	305·6	306·9	Sev.dates	299·2	296·9	3rd	302·4	*301·8*	–0·2	58	– 5
756	Rangoon	16 46	96 11	5·5	1010·4	1011·0	+0·3	308·9	312·4	11th	297·1	294·7	5th	303·0	*301·7*	–0·6	100	+ 59
757	Cap St. Jacques	10 20	107 5	180	..	1011·5	..	303·8	308·1	27th	297·8	296·4	11th	300·8	*300·3*	–0·5	0	– 30
758	Nhatrang	12 15	109 12	3·6	..	1010·3	..	303·9	305·1	8,28,30	296·3	294·8	1st	300·1	*299·6*	–0·2	24	+ 2
759	Iba	15 20	119 58	4·8	..	1010·0	+0·8	308·3	309·5	18th	296·6	293·9	27th	302·5	*302·0*	+1·3	113	+ 75
761	Vigan	17 34	120 23	12·2	..	1010·0	+0·9	305·7	306·8	5th	297·5	295·8	4th	301·6	301·1	–0·2	6	– 11
761a	Manila	14 35	120 59	**19·8	..	1010·7	+0·8	307·6	308·8	19th,21st	295·9	293·9	14th	301·7	301·2	+0·1	0	– 32
762	gOrmoc	11 0	124 36	5·6	..	1009·1	+0·3	306·0	307·8	1st	..	..	..	..	*300·3*	+0·8	58	– 22
765	Guam, Ladrone Is.	13 24	144 38	18·6	..	1009·4	–0·1	304·2	305·0	Sev.dates	298·2	297·0	27,28,29	301·2	*301·2*	+0·8	27	– 24
766	Saipan	15 14 N.	145 46 E.	207	988·2	1008·4	..	301·9	302·5	20th	296·5	295·2	13th	299·2	298·8	..	33	..
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics.

**Height changed from 14.2m. to 19.8m. from April 13th. gChange of normals, see Table of Authorities, pages 105-15.

‡See Table Authorities, Remarks, pages 105-15.

APRIL - ZONE 8 TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° N. ′	° W. ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1009·1	1009·7	–0·9	?302·8	..	..	?297·6	..	..	?300·2	*299·8*	–0·5	205	–139
821	Cristobal	9 23	79 54	11·0	..	1010·9	–0·3	303·6	304·7	30th	298·7	297·4	10th	301·2	300·9	+0·9	9	–100
822	Bogota	4 36	74 5	2645	747·0	..	+1·1	292·0	294·4	6th	283·7	281·1	28th	287·9	*287·1*	–0·1	196	+ 52
822a	Merida, Venezuela	8 36	71 9	1641	840·9	..	..	297·6	300·0	27th	288·8	287·2	20th	293·2	*292·0*	+0·3	153	– 18
823	ØCiudad Bolivar	8 9	63 33	38	1004·2	1008·5	–2·0	307·5	309·1	21st	296·9	295·8	29th	302·2	*301·5*	+0·6	1	– 27
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1011·9	–0·7	302·5	303·6	22nd,30th	297·5	295·8	10,20,29	300·0	*299·7*	+0·2	142	+ 2
826	Paramaribo	5 49	55 9	3·7	1011·5	1011·9	–1·0	304·5	306·7	23rd	296·3	292·6	19th	300·4	*300·0*	+1·1	77	–147
826a	Cayenne	4 54	52 21	6	1011·0	1011·7	..	302·4	304·5	24th	297·0	295·6	19th	299·7	*298·7*	0·0	263	–218
831	10°-5°N.,30°-25°W.	††7 6	†† 26 55	§ (44)	..	1012·3	+0·1	..	..	Sea Temp. 299·5	+0·6	..	..	..	*299·2*	+0·4	..	..
833	Konakri	9 31	13 43	12·5	1008·7	1010·2	..	306·4	308·1	5th	297·8	294·1	27th	302·1	*301·5*	+0·9	42	+ 16
834	Freetown, Sierra Leone	8 29	13 14	55·0	1003·7	1009·9	+0·2	305·4	306·9	3,4,17	297·4	294·7	30th	301·4	*300·4*	..	94	– 9
835	Assuantsi	5 18	1 15	57·3	998·0	1009·1	..	305·0	307·4	7th	295·0	293·0	3rd,29th	300·0	*299·3*	+0·3	114	– 23
836	Accra	5 33	W. 0 12	17·7	1008·0	1010·1	+0·2	305·0	306·3	21st	297·4	295·2	3rd,28th	301·2	*300·7*	+0·5	72	– 21
837	Lagos	6 27	E. 3 24	1·8	1009·4	1009·7	+0·3	304·7	308·0	15th	297·9	295·2	19,22,23	301·3	*300·6*	+0·1	100	– 54
838	Victoria, Nigeria	4 1	9 12	15·5	1008·3	1010·1	..	304·3	306·1	6th	294·1	292·2	23rd,28th	299·2	*298·5*	..	115	– 93
839	Yola	9 12	12 30	259	..	..	..	310·3	313·6	4th,20th	298·3	294·7	2,5,7	304·3	*303·7*	–0·4	93	+ 34
841	Barumbu	1 11	23 30	? 450	..	..	..	304·8	307·5	6th,18th	292·3	290·0	11th	298·5	*297·7*	..	102	..
842	Wau	7 42	28 3	440	957·2	1005·1	–1·5	311·8	315·0	22nd	296·5	292·0	22nd,23rd	304·1	*303·1*	+1·5	23	– 40
843	Malakal	9 35	31 37	394	963·0	1006·0	–0·7	313·0	315·3	7th	296·2	291·0	5th	304·6	*303·6*	+1·0	8	– 25
843a	Juba	4 53	31 35	475	954·8	1007·1	..	309·0	312·5	10th	292·9	290·8	11th	300·9	*300·0*	..	101	..
844	Kampala (Kololo Hill)	0 20	32 36	1312	868·0	1006·9	..	300·0	302·5	11th	290·4	288·1	4th,20th	295·2	294·5	..	121	..
845	Baidoa	3 7	43 39	480	955·8	1008·4	..	308·6	311·0	4,5,10	294·5	292·5	24th	301·5	..	..	235	..
846	Sheikh	9 55	45 15	1463	..	..	..	301·1	302·4	10th	280·4	278·6	Sev.dates	290·8	..	..	38	– 59
851	Minicoy	8 18	73 0	2·7	1011·0	1011·4	+0·7	305·0	308·0	25th	298·6	296·3	5,11,27	301·8	*301·2*	..	54	– 12
851a	Cochin	9 58	76 14	2·7	1010·8	1011·2	+0·6	304·7	305·8	4 days	299·2	295·8	11th	301·9	*301·3*	–0·5	206	+ 86
852	Colombo Observatory	6 54	79 52	7·3	..	1009·8	+1·2	304·1	305·5	29th	297·4	295·7	6th	300·8	*300·2*	–0·4	83	–164
853	Nuwara Eliya	6 58	80 46	1881	814·2	1012·2	+1·2	295·1	296·8	15th	282·4	276·5	2nd	288·8	*287·8*	0·0	141	– 1
854	Trincomalee	8 35	81 15	30·2	..	1008·9	+1·0	304·1	306·9	15th	298·2	295·8	7th	301·1	*300·5*	–1·5	108	+ 56
855	Koetaradja	5 32	95 20	7·1	..	..	..	..	..	..	..	..	..	..	..	..	276	+169
856	Medan	3 35	98 41	25·0	..	1009·7	+0·4	304·0	305·6	26th	295·1	294·2	17th	299·5	*298·9*	–0·4	128	– 4
857	Butterworth	5 25	100 22	2·1	..	1009·1	..	304·0	305·8	5th	296·8	295·2	14th,17th	300·4	299·8	..	234	..
858	Singapore (Mt. Faber)	1 16	103 49	90·5	..	1009·5	+0·8	304·1	306·3	Sev.dates	296·5	294·1	29th	300·3	299·6	..	110	..
859	Sandakan	5 50	118 7	55·5	1003·7	1010·1	..	303·8	304·7	Sev.dates	297·4	296·3	10,17,30	300·6	*300·1*	–0·3	110	– 4
860	Iwahig	9 44	118 38	14·3	..	1008·7	+0·3	306·2	307·2	17th	296·4	295·3	15th,27th	301·3	*300·9*	+0·6	59	+ 5
861	Tagbilaran	9 38	123 51	21·3	..	1009·2	+0·1	305·7	307·0	25th	297·2	296·0	Sev.dates	301·5	300·7	+0·7	43	– 22
861a	Menado	1 30	124 50	8·5	..	1009·3	+0·1	303·7	305·4	22nd	296·0	294·8	1st	299·9	*299·4*	+0·3	229	+ 31
862	Surigao	9 48	125 29	6·0	..	1009·9	+0·5	303·8	306·1	28th	297·0	295·2	30th	300·4	299·9	+0·3	126	–114
863	Kolonie, Yap	9 29	138 8	29·3	..	1010·6	+1·5	303·3	305·1	26th	298·0	295·5	22nd	300·7	300·3	+0·1	195	+ 71
864	Palau	7 20	134 29	31·8	1005·8	1009·4	–0·2	303·7	304·6	30th	298·5	296·9	12th	301·1	300·5	+0·3	91	– 92
867	Ponape	6 58 N.	158 13 E.	38·9	1005·0	1009·5	..	302·1	303·3	11th	297·5	295·3	30th	299·8	299·6	..	523	..

APRIL - ZONE 9 BETWEEN LATITUDE 0° AND 10° S.

		S.	W.															
902	Atafu	8 32	172 31	1·8	..	1010·3	..	302·8	304·0	15th	298·7	296·1	4th	300·7	*300·3*	..	415	..
920	Lambayeque	6 46	79 55	15	1010·5	1012·2	..	301·3	305·0	4th	293·2	291·4	29th	297·2	296·3	..	4	..
921	Quito	0 13	78 30	2816	727·0	..	–1·0	293·4	295·7	21st	281·2	279·1	1st	287·3	285·6	–0·2	180	+ 7
923	Senna Madureira	9 4	68 40	135	994·2	1009·5	..	306·6	309·9	29th	294·0	291·5	8th	300·3	*298·8*	..	499	..
923a	São Gabriel do Rio Negro	0 8	67 5	85	1001·1	1010·8	..	303·9	307·5	7th	295·3	294·0	7th,15th	299·6	*298·4*	..	150	..
924	Manaos	3 8	60 1	43·8	1006·0	1011·0	..	302·8	305·7	18th	295·2	293·8	28th	299·0	*298·6*	–0·3	436	+214
925	Parintins	2 38	56 44	18	..	..	..	..	..	..	..	..	..	..	..	..	344	..
926	Taperinha	2 30	54 20	21·5	1008·8	1011·1	–0·4	303·3	305·4	27th	295·9	294·9	3rd	299·6	*298·5*	+0·4	346	+ 24
927	Turyassu	1 43	45 26	9·1	1009·6	1010·7	+0·2	302·7	305·0	1st,25th	294·1	292·9	1st	298·4	*298·3*	+0·1	661	+230
928	Barra do Corda	5 30	45 16	81·0	1002·0	1011·4	..	303·5	305·4	24th	295·0	293·7	30th	299·2	*298·6*	+0·5	321	+209
929	ØQuixeramobim	5 16	39 15	199	989·6	1012·3	+0·3	301·5	303·5	2nd	296·9	295·3	6th	299·2	*299·1*	–0·6	170	+ 18
930	Fernando Noronha	3 50	32 25	106	999·1	1011·0	–0·4	301·0	302·2	1st	297·0	295·2	3rd	299·0	*299·0*	0·0	392	+129
934	Ascension Island	7 56	W. 14 25	16·8	1010·5	1012·4	–0·6	303·8	305·2	1st,23rd	298·1	295·8	29th	300·9	*300·1*	+0·6	32	– 5
939	Loanda	8 49	E. 13 13	59·3	..	1009·8	–0·8	304·3	306·8	6th	296·8	294·2	9th	300·5	299·7	+0·8	229	+108
940	ØBrazzaville	4 17	15 16	320	..	..	..	307·6	310·0	..	293·6	292·0	..	300·6	..	+0·6	259	+ 49
942	Tshibinda	2 19	28 45	2115	..	..	..	294·5	296·6	7th	284·2	281·6	2nd	289·3	*289·7*	..	234	..
943	Masaka	0 20	31 44	1280	..	..	..	298·9	301·4	22nd	289·8	287·6	13th	294·3	*293·6*	..	232	+ 52
944	Nairobi (Kabete Obs).	1 16	36 48	1820	820·7	1009·2	..	298·7	300·9	2nd	287·1	284·2	8th	292·9	291·9	..	60	..
944a	Zanzibar (Chukwani Palace)	6 15	39 13	21	1008·8	1011·2	..	304·7	308·5	2nd	298·3	296·0	21st	301·5	300·9	..	173	..
945	Afmadu	0 30	42 4	?	..	..	..	318·0	322·0	1,4,11	289·4	288·0	3,4,30	303·7	..	..	44	..
947	Seychelles, Port Office	4 37	55 27	4·6	1010·1	1010·6	0·0	303·3	304·7	24th	296·9	294·7	1st	300·1	*299·4*	+0·1	51	–135
957	Padang	0 56	100 22	6·7	..	1010·1	0·0	303·3	304·5	19th	296·8	295·4	22nd	300·1	299·7	0·0	532	+168
958	Batavia	6 11	106 50	8·0	1009·0	1009·9	+0·6	303·7	305·2	21st,30th	296·6	295·4	25th	300·2	299·7	+0·2	181	+ 50
958a	Pontianak	0 1	109 20	2·6	..	1010·5	+0·8	305·3	307·5	10th	297·5	296·3	26th	301·4	*300·7*	+0·9	357	+ 73
959	Pasoeroean	7 38	112 55	5·0	..	1009·7	+0·2	304·0	304·9	18th	296·2	292·7	25th	300·1	*299·7*	–0·1	83	– 53
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	445	+227
962	Amboina	3 42	128 10	4·2	..	1009·2	+0·3	304·0	305·3	24th	297·7	297·0	23rd	300·9	*300·3*	+1·0	113	–167
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	277	0
965	Daru	9 4	143 13	7·6	..	..	..	304·0	..	..	297·2	..	..	300·6	*300·1*	+0·7	330	+ 1
966	Port Moresby	9 29	147 9	38·4	..	1009·2	–0·7	304·3	..	..	296·7	..	..	300·5	*300·0*	–0·1	117	+ 13
967	Rabaul	4 9	152 12	12·5	1006·6	1008·1	–0·1	305·0	306·7	1st	296·2	295·1	30th	300·6	*300·0*	0·0	423	+175
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	?303·6	?305·2	2,6,9	?297·7	?296·9	3,21,24	?300·7	*?300·4*	0·0	373	+117
970	Ocean Island	0 52	169 35	42·6	1004·5	1009·3	–0·9	304·6	305·8	1,11,27	298·8	298·0	16,20,30	301·7	*301·0*	+0·6	140	– 21
972	Funafuti, Ellice Is.	8 30 S.	179 13 E.	2·4	1008·7	1008·9	..	303·8	305·8	18,21,25	298·5	295·2	2nd	301·2	*300·8*	..	287	..
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

ØChange of normals, see Table of Authorities, pages 105-15.

§ Number of observations.

†† Mean latitude and longitude of the observations.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S. APRIL - ZONE 10

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° S. ′	° W. ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1001	Vavau	18 39	173 59	9·1	1010·8	1011·8	..	302·6	303·6	16th,17th	296·6	293·6	7th	299·6	*299·2*	..	146	..
1002	Apia, Samoa	13 48	171 46	2·0	..	1010·2	+0·4	303·1	304·1	20th	296·6	295·2	21st	299·9	299·2	–0·3	433	+175
1003	Alofi, Niue Is.	19 2	169 55	19·8	..	1014·0	+1·4	303·9	305·2	Sev.dates	295·5	293·0	3rd,4th	299·7	*299·4*	+1·0	71	–127
1004	Pukapuka, Danger Is.	10 53	165 54	2·1	..	..	..	..	306·3	12th	297·9	294·9	2nd,3rd	..	‡302·0	..	238	..
1005	Aitutaki, Cook Is.	18 53	159 46	3·0	..	..	..	302·9	303·6	Sev.dates	296·4	294·7	11th,24th	299·7	*299·3*	..	..	..
1007	Papeete (Hamita)	17 32	149 33	5·0	1011·8	1012·3	..	304·5	306·3	1st	296·3	293·6	15th	300·4	*299·9*	..	213	..
1021	Lima	12 5	77 3	111	999·1	1012·1	..	299·3	301·6	1st	289·2	287·7	22nd	294·3	292·8	..	0	..
1022	Arica	18 28	70 20	29	1010·1	1013·5	..	296·6	298·0	14th	289·1	285·8	4th,18th	292·9	*292·4*	+0·7	0	0
1024	La Paz, Bolivia	16 30	68 8	3658	658·7	..	+0·2	291·5	294·0	9th	277·3	272·0	28th	284·4	*282·9*	0·0	16	– 20
1025	ØCorumba	18 59	57 39	116	998·8	1011·9	+1·0	304·2	307·6	6th	293·6	286·6	29th	298·9	*298·0*	–0·2	18	– 83
1026	Cuyaba	15 36	56 6	165	992·8	1011·5	+1·3	304·5	307·0	20th	294·0	287·6	27th	299·2	*297·7*	–0·6	125	+ 23
1027	Bello Horizonte	19 56	43 57	895	915·9	1016·4	+1·0	297·7	303·4	18th	289·3	283·2	27th	293·5	*292·6*	–0·9	86	+ 26
1028	Caetite	14 3	42 37	897	916·6	1015·9	+1·5	297·5	301·7	2nd	289·1	284·9	29th	293·3	*293·4*	–2.0	170	+109
1029	ØOdina (Bahia)	13 0	38 31	64	1006·3	1013·6	+0·9	300·8	304·0	25th	296·1	294·9	27th,28th	298·4	*298·2*	–0·7	506	+217
1030	ØAracaju	10 55	37 3	6·1	1011·8	1012·6	–0·9	301·2	304·4	26th	296·7	295·1	18th,24th	299·4	*299·4*	+0·2	242	+ 85
1035	ØSt. Helena	15 57	W. 5 40	604	946·2	1015·1	–0·4	292·9	295·2	7th,9th	289·3	287·4	29th	291·1	*291·2*	+0·2	35	– 47
1039	Mossamedes	15 12	E. 12 9	12·5	..	..	..	293·2	..	..	291·6	..	..	292·4	..	..	..	..
1041	Livingstone	17 50	25 49	972	907·8	1013·4	..	304·2	308·4	4th	288·6	283·0	30th	296·4	..	+0·8	0	– 37
1041a	Elisabethville	11 40	27 29	1230	876·4	1008·6	–1·0	300·9	304·0	5th	286·1	281·3	30th	293·5	..	–0·4	31	– 13
1042	Gwelo	19 26	29 45	1411	864·9	1016·9	..	298·1	304·7	4th,6th	285·0	279·7	27th,28th	291·6	..	+0·1	13	– 6
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	855·1	1015·0	+0·1	298·3	304·4	5th	284·7	279·7	30th	291·5	290·8	–0·2	65	+ 40
1044	Zomba	15 23	35 18	**921	910·1	1010·5	–1·7	298·9	304·1	6th	289·4	285·8	30th	294·1	*293·4*	+0·4	12	– 81
1045	Mossuril	14 57	40 40	15	..	1012·8	–0·5	303·9	306·8	6th	295·5	292·4	29th	299·7	*299·4*	+0·1	50	– 20
1046	Antananarivo	18 55	47 33	1375	864·3	1012·4	–0·8	297·3	300·4	16th	288·1	283·1	28th	292·7	291·3	0·0	62	+ 12
1046a	Tamatave	18 9	49 22	7	..	1013·1	..	300·6	304·2	6th	295·9	293·4	30th	298·3	*297·9*	..	854	..
1047	Vohémar	13 24	50 2	2	..	1010·6	..	303·1	305·0	4th,8th	296·1	295·0	Sev.dates	299·6	*299·1*	..	69	..
1048	Antalaha	14 53	50 15	4	..	1012·4	..	303·0	306·0	7th	295·4	293·0	23rd	299·2	*298·7*	..	198	..
1055	Cocos, Keeling Is.	12 5	96 53	4·6	..	..	..	302·3	303·2	11th	298·5	296·3	23rd	300·4	*300·1*	+0·2	194	– 63
1057	Christmas Island	10 25	105 43	5·5	1008·1	1008·8	+0·8	304·3	305·2	4,11,18	297·4	295·8	23rd	300·9	*300·3*	+0·2	106	–129
1061	Koepang	10 10	123 34	45·1	..	1009·6	–0·3	304·6	306·3	29th	295·8	293·7	25th	300·2	*299·4*	0·0	143	+ 79
1061a	Derby	17 18	123 40	16·2	1009·9	1011·7	+0·2	307·7	310·9	11th,12th	295·4	290·8	15th	301·6	..	0·0	21	– 20
1062	Hall's Creek	18 13	127 46	373	970·7	1011·9	–0·4	305·6	312·4	11th	290·6	284·7	22nd,23rd	298·1	*297·6*	–0·3	3	– 17
1063	Darwin	12 28	130 51	29·6	1006·7	1010·0	+0·9	306·4	307·7	5th	298·0	295·4	25th	302·2	*301·0*	+0·3	99	– 4
1064	Daly Waters	16 16	133 23	211	986·2	1009·7	–0·9	307·2	312·4	10th,11th	293·5	288·0	4th	300·3	*299·8*	+0·5	18	– 8
1065	Palmerville	15 56	144 8	210	985·8	1009·3	–0·7	305·3	308·7	8th	294·2	289·1	28th	299·8	..	+0·9	14	– 42
1066	Georgetown, Queensland	18 22	143 32	302	977·3	1010·8	–1·2	306·7	309·9	8th,9th	293·2	288·6	7th	299·9	..	+1·4	0	– 32
1066a	Willis Island	16 18	149 59	8·5	1010·1	1011·0	+0·6	301·8	303·5	10th	297·4	293·3	27th	299·6	*299·8*	0·0	81	– 96
1067	Samarai	10 37	150 40	6·1	..	1010·7	+1·1	305·3	..	..	296·2	..	..	300·7	*300·4*	+0·9	104	–152
1070	Vila, New Hebrides	17 44	168 19	57·0	..	..	..	299·7	302·0	18th	293·1	290·0	25th	296·4	*295·9*	..	624	..
1071	Rotuma, Fiji	12 30	177 0	27·4	1005·7	1008·8	..	302·8	304·1	13,21,23	296·8	295·2	3rd	299·8	*299·5*	..	410	..
1072	Suva, Fiji	18 8 S.	178 26 E.	3·7	1010·1	1010·5	+0·1	301·8	306·3	12th	296·3	294·7	1st	299·1	*298·8*	+0·2	840	+530
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

BETWEEN LATITUDE 20° S. AND 30° S. APRIL - ZONE 11 (AMERICA, AFRICA)

		S.	W.															
1101	Nukualofa, Tonga	21 8	175 12	3·0	1013·3	1013·6	..	302·0	303·6	26th	293·9	287·4	2nd	297·9	*297·4*	..	212	..
1105	Rarotonga (Avarua)	21 12	159 46	6·1	..	..	..	301·3	303·0	6,9,18	293·8	290·2	25th	297·6	*297·3*	–0·1	80	–102
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1012·9	1015·7	+0·2	289·4	292·5	11th	285·6	284·0	23rd	287·5	*287·3*	–0·7	0	– 2
1122	Antofagasta	23 42	70 24	94	1003·8	1014·9	–0·5	292·4	294·0	16th,17th	286·6	285·0	Sev.dates	289·5	*289·2*	–1·4	0	0
1123	Catamarca	28 29	65 47	528	953·3	1013·0	+1·4	..	..	..	..	..	..	..	293·6	+0·2	5	– 13
1124	Salta	24 46	65 24	1173	884·5	1013·5	+1·4	294·7	302·7	6th	285·6	280·5	27th	290·2	289·6	–1·0	46	+ 15
1125	Goya	29 9	59 15	37	1012·0	1016·3	+2·4	299·0	307·5	6th	287·6	281·0	27th	293·3	*293·7*	+0·9	45	– 74
1126	Asuncion	25 17	57 41	139	1002·7	1018·7	+5·3	303·1	308·5	5th	291·7	284·5	25th	297·4	*296·8*	+1·5	116	– 30
1127	Curityba	25 25	49 17	908	917·2	1019·5	+2·4	294·9	301·0	12th	285·0	275·0	26th	290·0	*288·7*	–1·0	73	– 5
1128	Rio de Janeiro	22 54	W. 43 10	18·3	1015·8	1017·9	+3·1	297·0	**304·4**	16th	293·4	288·3	26th,27th	294·7	294·9	–1·6	46	– 60
1139	Windhoek	22 34	E. 17 6	1727	832·1	1012·5	..	299·3	302·0	8th	286·3	282·9	4th	292·8	*293·6*	+0·9	2	– 37
1140	ØOkiep	29 36	17 52	933	912·4	1015·7	+1·9	300·2	308·8	10th	286·2	280·1	20th	293·2	*292·6*	+1·1	0	– 16
1141	Kimberley	28 44	24 46	1218	883·6	1016·6	+1·1	299·4	303·8	10th	285·5	279·2	24th	292·5	291·9	+1·6	33	– 2
1141a	Johannesburg	26 11	28 4	1806	826·3	1018·5	+0·7	294·6	300·2	1st	283·1	276·3	25th	288·8	*288·5*	+0·2	86	+ 42
1142	Bulawayo	20 9	28 35	1349	870·3	1016·7	+0·9	298·4	305·7	5th	285·0	279·4	28th	291·7	291·2	–0·1	11	– 8
1143	Durban	29 52	31 3	15·2	1017·2	1019·0	+0·2	299·1	301·3	13,14,16	291·7	288·0	28th	295·4	*294·8*	+0·6	52	– 34
1144	Lourenço Marques	25 58	32 36	59·5	..	1018·7	+0·5	301·9	308·7	23rd	291·9	287·9	30th	296·9	296·2	+0·4	32	– 7
1145	Tuléar	23 20	43 40	6	..	1013·2	..	303·9	308·3	10th	291·7	287·0	30th	297·8	..	..	0	..
1146	Fort Dauphin	25 1	46 58	14	..	1016·5	..	298·0	299·8	3rd,5th	293·8	289·8	29th	295·9	*295·5*	..	141	..
1147	Mauritius	20 6 S.	57 33 E.	55·2	1006·7	1013·0	–0·9	300·8	302·1	2nd	295·1	291·7	30th	297·9	297·5	+0·4	66	– 64
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

**Height changed from 955m. to 921m. from April 6th due to change of site.

‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

ØChange of normals, see Table of Authorities, pages 105-15.

APRIL - ZONE 11 (AUSTRALIA) TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		S.	E.															
1159	Onslow	21 43	114 57	4·3	1010·0	1010·6	–1·1	304·2	308·0	1st	290·1	285·9	27th	297·1	..	–2·5	54	+ 32
1160	Cue	27 27	117 52	454	966·5	1017·6	+2·6	302·7	306·9	17th	287·9	282·2	11th	295·3	..	–0·3	0	– 18
1161	Nullagine	21 53	120 5	386	971·5	1014·6	+1·8	303·7	306·3	18th	287·8	283·0	15,16,18	295·7	..	–2·2	63	+ 42
1162	Laverton	28 40	122 23	466	964·8	1018·2	+0·6	300·3	307·4	17th	285·2	279·1	11th	292·8	*292·8*	–0·9	3	– 19
1163	Alice Springs	23 38	133 35	579	950·4	1015·5	0·0	299·0	310·2	10th	286·7	281·3	17th	292·9	*293·1*	–0·2	21	+ 3
1164	William Creek	28 55	136 21	76·2	1010·1	1018·9	+0·7	300·7	312·4	10th	286·0	279·9	21st	293·3	*293·0*	+0·5	0	– 10
1164a	Boulia	22 55	139 38	146	996·1	1012·5	–0·9	305·7	310·2	9th,11th	290·5	284·1	15th	298·1	*298·3*	+1·1	0	– 16
1165	Thargomindah	27 58	143 43	123	1001·6	1015·8	–0·4	302·4	309·2	11th	289·1	284·1	15th	295·8	*295·7*	+1·3	2	– 18
1166	Mitchell	26 32	147 52	336	978·3	1016·7	+0·6	301·3	305·8	3rd	285·2	277·8	14th	293·2	..	+0·9	25	– 13
1167	Rockhampton	23 24	150 30	11·3	1013·8	1015·1	–0·4	302·6	307·2	6th	292·3	288·3	14th	297·4	*296·7*	+0·7	40	– 30
1168	Brisbane	27 28	153 2	41·8	1013·7	1018·1	+0·5	298·7	305·4	12th	289·6	286·3	25th	294·1	*293·7*	–0·2	227	+131
1170	Norfolk Island	29 4	167 59	14·9	1015·5	1017·3	+0·1	296·0	301·1	2nd	292·1	285·8	25th	294·0	*293·7*	+0·4	62	– 46
		S.	E.															

APRIL - ZONE 12 BETWEEN LATITUDE 30° S. AND 40° S.

		S.	W.															
1221	Juan Fernandez	33 37	78 52	6	1017·8	1018·5	+0·4	292·3	296·0	9th	286·0	283·0	7th	289·1	*289·0*	–1·0	72	– 15
1221a	Punta Tumbes	36 37	73 6	120	1001·1	1015·6	0·0	287·4	289·2	15th	282·8	280·0	21st	285·1	*284·8*	–1·1	105	+ 52
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1010·5	1015·4	0·0	290·8	295·0	6th	283·5	280·4	23rd	287·1	*286·6*	–1·1	0	– 14
1222a	Santiago	33 27	70 42	520	954·7	1015·1	0·0	296·1	301·4	1st	280·3	275·9	27th	288·2	*287·0*	–0·2	0	– 15
1223	Cordoba	31 25	64 12	423	966·4	1015·1	+1·0	298·2	307·6	5th	285·5	279·0	15th	291·8	291·3	+1·6	45	+ 0
1224	Bahia Blanca	38 45	62 16	28·7	..	..	..	..	..	..	..	..	..	..	..	..	66	+ 9
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1015·3	1018·3	+2·3	295·6	304·7	10th	285·6	279·2	21st	290·6	290·5	+1·2	113	+ 25
1226	Montevideo (Prado)	34 52	56 12	24·9	..	1020·5	+5·0	296·6	305·3	10th	285·0	277·7	25th	290·8	290·5	+0·2	114	– 4
1226a	Porto Alegre	30 2	W.51 13	23·5	1016·3	1019·1	+3·1	298·4	306·1	11th	287·6	281·8	23rd,26th	293·0	292·8	–0·6	21	– 93
1239	Cape Town	33 56	E.18 29	12·2	..	1017·3	+1·2	297·8	313·1	17th	286·7	279·9	29th	292·3	*290·5*	+2·0	16	– 31
1240	Klaver	31 47	18 37	41·8	1013·3	1018·2	+0·3	302·5	311·8	16th	286·6	281·4	24th	294·5	..	+0·7	0	– 13
1241	Riversdale	34 6	21 16	105	1007·0	1019·4	..	299·7	310·5	18th	283·7	277·7	28th	291·7	..	+0·3	13	– 30
1242	ǂEast London	33 1	27 54	45·4	1012·3	1017·7	+1·6	295·7	303·6	30th	288·2	283·6	17th,26th	291·9	..	+0·1	159	+ 91
1259	Perth (Observatory)	31 57	115 51	60·0	1011·3	1018·5	+0·1	298·9	305·1	4th	287·5	282·0	30th	293·2	*293·0*	+0·9	20	– 22
1260	Katanning	33 42	117 35	310	982·8	1019·1	+0·6	297·3	305·2	15th	283·3	277·6	10th	290·3	..	+0·9	11	– 19
1261	Coolgardie	30 57	121 10	423	970·5	1018·7	+0·5	298·7	306·9	16th	283·3	279·1	11th	291·0	*291·0*	–0·5	8	– 16
1262	Eucla	31 45	128 58	4·6	1019·1	1019·7	+0·9	296·4	305·8	16th	286·4	281·9	27th	291·4	*290·9*	–0·4	25	– 1
1263	Streaky Bay	32 48	134 13	13·1	1019·5	1020·8	+0·7	296·2	303·7	7th	284·4	278·0	25th	290·3	*289·7*	–0·6	18	– 6
1264	Adelaide	34 56	138 35	42·7	1016·4	1021·5	+1·6	295·6	302·7	7th	284·4	280·1	25th	290·0	*289·6*	–0·7	50	+ 6
1265	ǂMelbourne	37 49	144 58	35·1	1016·6	1020·8	+1·3	293·6	303·0	10th	282·9	275·7	25th	288·2	*287·9*	+0·2	14	– 44
1266	Bourke	30 13	145 58	110	1007·3	1020·2	+1·1	300·8	309·1	11th, 12th	286·1	280·2	26th	293·4	..	0·0	37	+ 9
1267	ǂSydney	33 51	151 13	42·1	1014·4	1019·4	+1·0	294·7	304·4	9th	286·5	280·8	24th	290·6	*290·1*	–0·7	192	+ 53
1268	Lord Howe Island	31 20	159 0	4·9	1016·1	1016·6	–2·0	296·1	301·2	7th	290·2	283·8	24th	293·1	..	–0·2	300	+164
1271	Auckland	36 51	174 48	40·8	..	1015·7	–2·7	293·1	297·2	13th	286·1	279·1	29th	289·6	..	+0·4	61	– 27
1272	Napier	39 29	176 55	1·5	..	..	..	293·1	301·3	3rd	283·2	273·6	29th	288·2	..	+0·3	34	– 38
		S.	E.															

APRIL - ZONE 13 BETWEEN LATITUDE 40° S. AND 50° S.

		S.	W.															
1301	Chatham Island	43 57	176 31	45·7	1003·1	1008·5	–6·0	..	..	..	..	..	..	..	..	..	37	– 41
1321	Isla Guafo	43 34	74 45	140	997·5	1014·4	+0·4	284·8	287·5	18th	281·4	278·5	10th	283·1	*283·2*	–0·2	37	– 78
1322	Punta Galera	40 1	73 44	40	1011·5	1016·4	+0·8	286·6	288·5	29th	281·8	277·5	11th	284·2	*284·2*	–0·6	191	– 20
1323	Sarmiento	45 33	69 1	272	977·9	1010·2	–0·1	290·3	297·5	1st	278·4	271·9	7th	284·4	284·7	+1·1	25	+ 15
1324	Puerto Madryn	42 46	W. 65 2	14	1011·7	1013·4	+1·8	294·9	303·1	3rd	281·5	276·8	12th	288·2	288·5	+1·4	3	– 10
1365	Launceston	41 27	E.147 10	81·1	1008·7	1018·4	+2·5	290·0	295·2	1st	280·0	272·6	25th	285·0	*284·2*	–0·5	70	..
1366	ǂHobart	42 53	147 20	53·9	1010·7	1017·3	+2·6	288·2	294·2	11th	280·8	275·2	30th	284·5	*283·7*	–1·3	56	+ 6
1369	Invercargill	46 25	168 21	3·7	..	..	..	286·8	294·7	12th	279·6	274·1	7th	283·2	..	–0·4	202	+ 93
1370	Alexandra	45 15	169 24	159	..	..	..	288·1	295·2	8th	277·8	270·2	28th	283·0	283·0	..	57	..
1371	Dunedin	45 52	170 31	6·1	..	1006·7	–8·5	287·9	298·0	12th	279·1	273·8	25th	283·5	..	–0·5	105	+ 32
1371a	Christchurch	43 32	172 39	7·6	..	1008·0	–7·3	290·6	299·7	13th	279·5	272·3	27th	285·1	..	+0·1	19	– 30
1372	Wellington	41 16	174 46	127	995·2	1010·4	–6·6	289·8	293·9	1st	283·5	278·1	29th	286·7	286·1	–0·2	103	+ 4
		S.	E.															

APRIL - ZONE 14 BETWEEN LATITUDE 50° S. AND 60° S.

		S.	W.															
1421	Islota de los Evangelistas	52 24	75 6	55	992·5	999·1	–2·1	282·8	284·8	27th	280·0	273·2	11th	281·4	*281·7*	+1·6	317	+ 41
1422	Magallanes	53 10	70 54	8	998·6	999·6	–1·7	283·0	287·4	25th	276·0	272·6	6th	279·5	*279·3*	–0·2	70	+ 30
1423	Punta Dungeness	52 24	68 26	5	999·0	999·6	–1·3	286·1	291·0	4th	278·0	274·6	3rd	282·1	*281·1*	+1·6	34	+ 10
1424	Santa Cruz	50 1	68 31	13	1003·3	1004·9	+0·7	289·2	299·0	16th	278·0	272·2	6th	283·6	283·4	+1·6	27	+ 12
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1002·7	+1·3	283·4	288·6	2nd	275·9	271·3	5th,6th	279·7	..	+0·7	38	– 21
1426	Cape Pembroke	51 41	57 42	21·3	999·4	1002·0	+1·2	283·1	287·4	3rd	277·1	273·0	9th	280·1	280·3	+0·6	..	..
1429	S.Georgia (Cumberland Bay)	54 16	36 30	4	993·6	994·1	–1·8	279·8	287·7	28th	273·3	266·6	26th	276·5	*276·0*	+0·6	196	+ 61
		S.	W.															

APRIL - ZONE 15 BETWEEN LATITUDE 60° S. AND 70° S.

		S.	W.															
1527	South Orkneys	60 43	44 47	7	991·6	992·5	+1·5	273·9	278·0	27th	266·4	260·9	10th	270·2	269·3	–0·6	66	+ 24
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

ǂChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE
FOR THE MONTH OF MAY 1933
BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 90° N. AND 80° N. MAY - ZONE 0

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	E.															
047	Calm Bay	80 20	52 48	5·9	1020·0	1020·8	..	..	272·9	..	..	253·2	..	..	*263·3*	..	1	..

BETWEEN LATITUDE 80° N. AND 70° N. MAY - ZONE 1

		N.	W.															
101	Wrangel Insel	70 58	178 33	3·0	1018·7	1019·1	+2·0	268·2	274·2	..	263·0	248·2	..	265·6	*266·1*	+1·2	2	– 6
105	Barrow	71 23	156 17	4·6	..	1017·3	–1·4	267·9	272·4	25th	262·7	256·9	17th	265·3	..	–0·2	21	+ 17
121	Pond Inlet	72 43	78 30	4·0	..	1017·9	..	267·7	275·8	25th,27th	259·6	248·6	4th	263·7	*264·3*	~3·0	..	..
125	Upernivik	72 47	56 7	19·2	1012·0	1014·4	–1·6	274·2	284·9	21st	267·0	255·5	2nd	270·6	*270·4*	+1·4	0	– 14
131	Myggbukta	73 29	21 34	3·2	..	1021·6	..	..	276·8	24th	262·2	251·5	5th	..	*266·6*	..	2	..
132	Scoresbysund	70 29	21 58	16·9	1018·8	1020·9	+1·3	273·9	279·1	20th	267·9	261·6	5th	270·9	*271·2*	+1·2	..	..
135	Jan Mayen	70 59	W. 8 18	23·1	1018·8	1021·7	+6·2	..	277·6	20th	271·2	265·4	3rd	..	*272·9*	+0·3	17	+ 2
139	Svalbard Radio	78 13	E.15 38	53·0	1012·6	1019·4	+3·2	..	278·1	25th	268·7	257·9	1st	..	*270·6*	..	2	..
140	Björnöen	74 28	19 17	29·2	1014·1	1017·8	+3·6	..	277·1	24th	270·0	263·2	1st	..	*271·9*	+0·6	69	+ 45
141	Ingoy	71 4	24 9	4·3	1017·9	1018·4	+4·3	..	285·1	24th	274·3	271·2	1st	..	*276·1*	–0·1	20	– 14
142	Sletnes	71 5	28 14	10·2	1017·7	1019·0	+5·1	..	284·0	24th	272·2	266·3	9th	..	*274·9*	..	10	..
143	Vardö	70 22	31 6	12·1	1017·6	1019·1	+4·6	..	283·3	25th	272·7	268·7	7th	..	*275·1*	+0·3	15	– 21
147	Malye Karmakouly	72 23	52 44	15·3	1018·6	1020·6	+6·8	..	274·0	..	..	256·3	..	..	*267·1*	–1·1	6	– 7
148	Vaigatch	70 24	58 48	11·2	1017·8	1019·3	+6·0	267·4	274·1	..	261·7	252·4	..	264·5	*264·5*	–2·6	2	– 6
149	Russian Harbour	76 14	62 39	9·3	1018·6	1019·8	..	..	275·6	..	..	256·2	..	..	*265·1*	..	4	..
150	Cape of Desire (Zhelanya)	76 57	68 34	8·0	1018·3	1019·3	..	..	270·8	..	..	253·5	..	..	*263·0*	..	0	..
153	Dikson	73 30	80 23	13·0	1014·2	1015·9	+3·0	264·0	271·5	..	259·0	251·7	..	261·5	*261·3*	–3·1	1	– 5
162	Bulun	70 45	127 47	35	1006·3	1010·8	–2·4	..	282·7	..	..	251·1	..	..	*268·5*	–0·6	..	..
165	Great Liakhov Is. (Cape Shalaurov)	73 11	143 14	7	1012·8	1013·7	..	..	275·2	..	..	250·2	..	..	*264·7*	..	3	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N. MAY - ZONE 2

		N.	W.															
201	Cape Otto Schmidt	68 55	179 30	7·0	..	..	..	268·6	278·5	..	262·9	248·8	..	265·7	*266·3*	..	9	..
202	Savoonga	63 43	170 20	5·5	..	..	..	..	..	..	266·8	253·0	1st	..	..	..	7	..
203	Nome	64 30	165 24	6·7	1013·2	1013·9	+2·1	276·3	290·8	26th	268·1	259·1	7th	272·2	*273·0*	–2·2	13	– 7
204	Bethel	60 45	161 47	11·6	..	1013·5	+4·4	280·2	290·8	27th	270·4	261·9	11th	275·3	..	–1·6	16	– 5
205	Tanana	65 10	152 6	69·5	1003·7	1011·8	+0·1	287·1	298·0	28th	273·4	266·3	21st	280·3	*279·9*	+0·6	21	+ 1
206	Rampart	65 30	150 15	114	..	..	..	282·1	295·8	26th	269·2	261·3	5th	275·7	..	–4·4	28	+ 16
206a	Holy Cross	62 16	159 50	15·2	..	..	..	283·7	296·3	26th	272·5	266·3	21st	278·1	..	0·0	26	+ 9
207	Cordova	61 31	145 36	13·1	..	1006·4	–4·6	285·9	290·8	24th,25th	275·6	271·3	5th	280·7	..	+0·6	90	–112
208	Fairbanks	64 51	147 39	138	992·9	1010·1	..	286·9	297·4	26th	275·0	269·7	22nd	280·9	*280·8*	–0·4	21	+ 6
209	Dawson	64 4	139 29	324	971·1	1009·9	..	288·6	297·4	25th	273·8	267·4	14th	281·2	*281·1*	+0·3	14	– 9
210	Aklavik	68 14	134 50	7·6	1017·9	1018·9	..	274·1	281·9	19th,20th	266·9	259·7	8th	270·5	*270·2*	..	24	..
211	Fort Good Hope	66 15	128 38	65·2	1007·3	1015·4	..	283·7	293·0	17,20,30	271·6	264·1	1st	277·7	*278·6*	+1·5	11	– 7
212	Fort Simpson	61 52	121 15	126	995·4	1010·7	..	286·9	296·9	21st	275·2	268·6	15th	281·1	*280·8*	+1·4	47	+ 11
213	Hay River	60 51	115 57	161	992·4	1012·2	..	283·3	295·2	22nd	273·1	262·4	1st	278·2	*278·3*	+1·1	55	+ 34
214	Coppermine	67 49	115 10	4·6	1016·8	1017·4	..	270·1	276·3	21st	263·6	252·4	1st	266·8	*267·0*	..	4	..
218	Chesterfield	63 45	91 50	4·0	1017·3	1017·8	..	269·1	276·3	24th	261·1	249·7	2nd	265·1	*265·3*	–1·7	19	..
221	Nottingham Island	63 7	77 56	16·5	1013·5	1015·6	..	270·3	276·3	26th,31st	264·8	258·0	7th	267·6	*267·5*	..	32	..
223	Hope's Advance	61 5	69 33	73·2	1002·0	1011·4	..	270·1	275·8	29th,30th	265·1	258·6	12th	267·6	*267·7*	..	48	..
224	Resolution Island	61 18	64 53	38·7	1004·2	1009·1	..	271·7	278·6	29th	267·4	260·8	8th	269·6	*269·6*	..	21	..
225	Jacobshavn	69 13	51 2	31·6	?1003·2	1007·1	–7·1	?280.9	?288·4	20th	?273·1	?259·0	8th	?277·0	?277·7	+5·0	..	..
226	Godthaab	64 10	51 43	20	..	..	..	280·3	289·8	26th	271·6	268·1	11th	275·9	*275·8*	+2·1	3	– 39
227	Ivigtut	61 12	48 10	30·0	1001·6	1005·3	–6·5	283·3	290·4	30th	275·2	270·2	21st	279·3	*280·0*	+2·5	51	– 40
229	Angmagsalik	65 36	37 33	29·3	1011·2	1014·9	–0·6	280·4	284·2	16th,25th	274·2	266·7	1st	277·3	*277·1*	+3·1	65	+ 9
231	Stykkisholm	65 5	22 46	25	..	1014·3	+0·7	284·8	288·2	19th,29th	278·1	272·3	3rd	281·5	*281·0*	+3·7	29	– 6
232	Vestmanno	63 24	20 17	122	..	1014·0	+1·3	282·2	285·0	14th,21st	278·7	276·0	2,4,5	280·5	*280·4*	+1·7	53	– 27
233	Grimsey	66 33	18 1	22	..	1016·6	+1·9	280·4	287·4	23rd	275·4	270·0	3rd	277·9	*277·6*	+2·9	1	– 13
233a	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
234	Teigarhorn	64 41	14 22	18	..	1017·6	+3·7	283·7	292·9	23rd	276·7	272·9	2nd	280·2	*279·6*	+2·4	195	+124
235	Hójvig	62 3	6 45	22·9	1015·1	1017·9	+3·5	281·8	286·2	22nd	278·5	274·4	1st	280·1	*280·3*	+0·1	32	– 53
236	Lerwick	60 9	W. 1 8	48·8	..	1015·7	+2·0	282·2	286·9	23rd	279·2	275·8	1st	280·7	*280·8*	+0·5	18	– 35
237	Bergen, Fredriksberg	60 24	E. 5 19	44·4	1009·3	1014·7	+0·9	288·9	293·4	23rd	280·7	277·0	1st	284·8	*284·3*	+2·2	25	– 64
238	Ona	62 52	6 33	14·6	1014·6	1016·4	+1·9	..	286·1	8th	279·1	275·8	1st	..	*280·0*	+0·1	18	– 42
239	Trondheim	63 26	10 25	59·2	1009·4	1016·6	+1·9	285·8	292·9	24th	277·3	270·2	5th	281·5	*281·6*	+0·9	11	– 28
240	Bodö	67 17	14 26	17·0	1016·3	1018·3	+4·3	..	287·2	23rd	275·5	269·4	1st	..	*279·5*	+0·7	12	– 39
241	Haparanda	65 50	24 9	9·2	1016·7	1017·8	+3·5	282·8	290·0	26th	273·5	269·5	8th	278·1	*278·1*	+0·8	7	– 24
242	Helsingfors	60 10	24 57	11·7	1012·5	1013·9	–1·3	284·6	293·0	26th	277·8	272·1	5th	281·2	*281·1*	+0·3	17	– 28
242a	Kuopio	62 55	27 40	233	987·1	1015·7	+1·0	282·7	291·4	26th	273·9	268·9	3rd	278·3	*278·3*	–1·9	29	– 12
		N.	E.															

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

MAY - ZONE 2 cont. TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 70° N. AND 60° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	Mean at M.S.L.	Diff. from Normal	TEMPERATURE Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean*	Diff. from Normal	PRECIPITATION Total	Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
243	Kola	68 53	33 1	6·7	1018·0	1018·9	+4·1	278·1	287·6	25th	270·8	262·0	5th	274·4	*274·8*	−1·7	13	−10
244	Petrozavodsk	61 47	34 23	79·0	..	..	..	282·5	292·3	20th	274·6	269·4	4th	278·6	*278·1*	−1·7	33	−14
245	Arkhangelsk	64 34	40 31	6·3	1015·5	1016·3	+2·3	281·4	291·3	31st	272·6	266·2	7th	277·0	*276·5*	−1·5	10	−20
246	Mezen	65 50	44 16	17·4	1015·1	1017·3	+3·6	277·7	291·1	25th	269·9	263·9	5th	273·8	*273·3*	−3·0	4	−21
247	Oust-Tsylma	65 25	52 18	73·8	1006·8	1016·1	+2·7	279·8	291·7	25th	270·8	261·3	4th	275·3	*274·4*	−1·1	25	− 9
248	Tcherdyn	60 24	56 31	208	988·2	1013·5	−0·4	284·1	296·4	26th	274·6	267·4	19th	279·4	*278·2*	−2·4	56	+ 5
249	Berezov	63 56	65 4	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249a	Yugor Strait	69 49	60 45	13·0	1016·8	1018·5	+4·6	267·7	273·6	..	261·2	248·8	..	264·5	*265·1*	−2·8	1	− 9
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	..	..	..	..	..	..	..	..	..	..	..	..	..	..
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Viliouisk	63 45	121 35	120	993·2	1008·1	..	279·7	292·3	31st	270·1	260·2	4th	274·9	*275·0*	−2·0	10	−13
262	Iakoutsk	62 1	129 43	108	994·8	1008·0	−1·2	281·6	290·3	31st	271·3	259·0	5th	276·4	*276·1*	−2·5	35	+18
263	Verkhoiansk	67 33	133 24	100	990·3	1002·7	−4·8	279·4	289·6	28th	268·6	249·5	2nd	274·0	*274·1*	−1·0	6	− 1
264	Petropavlovskoe	60 25	134 28	?163	986·8	1007·0	..	282·6	290·7	30th	273·0	264·0	2nd	277·8	*277·3*	..	43	..
268	Naiakhan	61 55	158 59	29·0	1010·0	1013·7	..	..	..	..	272·2	268·2	1st	..	*274·9*	..	49	..
271	Novo Mariinskii Post	64 45	177 33	17·2	..	..	..	273·2	279·8	27th	266·9	253·7	3rd	270·0	*270·0*	+0·5	5	− 5
		N.	E.															

MAY - ZONE 3 BETWEEN LATITUDE 60° N. AND 50° N.

		N.	W.															
302	St. Paul Island	57 15	170 10	5·8	..	1013·5	+3·9	276·3	280·2	26th	272·2	267·4	1,2,3	274·3	..	−0·1	45	+ 4
303	Dutch Harbor	53 55	166 30	4·0	1012·5	1012·8	+4·8	281·4	289·1	29th	274·7	270·8	5th	278·1	*277·7*	+0·3	41	− 74
305	Dillingham	59 0	158 28	24·4	..	..	..	283·1	292·4	29th	273·5	264·7	4th	278·3	..	+0·5	38	+ 5
306	Kodiak	57 48	152 22	4·6	1009·1	1009·8	+0·9	281·9	289·7	29th	276·0	270·2	5th	279·0	*278·9*	−0·1	167	+ 44
309	Sitka	57 3	135 19	4·6	..	..	..	285·1	288·6	10th	277·7	273·6	5th	281·4	..	+0·2	67	− 37
310	Prince Rupert	54 18	130 18	51·8	1006·6	1012·9	−2·6	286·1	290·2	7th	277·9	275·2	5th,6th	282·0	*282·1*	0·0	133	− 5
311	Prince George	53 50	122 48	570	944·3	1011·4	..	289·8	298·6	12th	274·4	268·6	5th	282·1	*281·9*	−0·2	49	+ 21
312	Kamloops	50 41	120 20	385	967·3	1012·7	−3·3	291·4	298·6	12th	280·1	276·9	31st	285·7	*285·4*	−1·7	26	+ 4
313	Calgary	51 2	114 2	1079	886·1	1008·3	−3·3	287·9	296·3	30th	276·3	271·3	17th	282·1	*281·9*	−0·4	53	− 6
314	Fort Smith	60 0	111 52	207	987·5	1012·4	..	288·8	298·0	22nd	274·8	266·3	16th	281·8	*281·7*	+2·2	39	+ 14
315	Prince Albert	53 10	105 45	436	960·4	1011·8	−2·1	291·2	298·6	31st	278·7	270·8	9th	284·9	*284·7*	+2·1	83	+ 45
316	Qu'Appelle	50 31	103 56	654	934·8	1010·3	−3·0	290·5	301·3	31st	278·4	268·6	9th	284·4	*284·4*	+1·3	99	+ 42
317	Minnedosa	50 15	99 50	515	951·4	1011·7	−1·9	291·1	302·4	31st	277·8	270·2	10th	284·4	*284·3*	+1·5	88	+ 43
318	Berens River	52 18	97 2	219	..	..	..	291·2	299·7	15th,31st	277·1	270·2	11th	284·1	..	+5·0	24	− 13
318a	Churchill	58 46	94 13	13·1	1019·1	1020·8	..	275·4	285·2	21st	266·3	254·7	1st	270·9	*270·7*	..	3	..
319	Pagwa	50 3	85 18	189	..	..	..	293·8	300·2	11th	280·6	275·2	12th	287·2	..	+4·2	..	..
320	Moose Factory	51 14	80 30	8·8	..	..	..	282·9	295·8	17th	270·4	263·6	4th	276·7	*276·8*	−2·0	..	..
320a	Moosonee	51 13	80 31	8·8	..	1017·3	..	281·2	295·2	17th	271·2	264·1	9th	276·2	*276·1*	..	51	..
321	Fort George	53 50	79 5	97·5	..	..	..	277·8	285·8	29th,30th	267·7	260·2	12th	272·7	*272·8*	−2·9	4	..
322	Mistassini Post	50 30	73 55	383	..	..	..	282·5	291·9	24th	270·6	263·6	7th	276·6	..	−2·0	60	− 2
323	Fort Chimo	58 10	68 10	15·2	1011·2	1013·1	..	275·2	289·7	30th	266·3	260·2	5th	270·7	*270·7*	−4·1	..	..
324	Natashkwan	50 14	61 48	6·1	..	..	..	281·9	290·2	30th	272·7	267·4	6th	277·3	..	−0·3	86	+ 10
326	Belle Isle	51 53	55 23	130	990·7	1007·0	−5·0	275·0	281·9	29th,30th	270·7	266·9	10th	272·9	*272·8*	−1·4	..	..
334	Valentia Observatory	51 56	10 15	13·7	1012·3	1013·9	−1·6	287·6	290·2	28th	282·9	280·1	22nd	285·3	285·3	+1·0	116	+ 35
335	Aberdeen	57 10	W. 2 6	26·0	1012·3	1015·5	+0·8	284·9	291·9	19th	279·6	273·3	2nd	282·3	282·2	+0·7	25	− 32
336	Greenwich	51 29	0 0	46·3	..	1014·9	−0·6	291·9	299·1	23rd	280·8	276·3	15th	286·3	285·7	+1·0	57	+ 13
337	Uccle	50 48	E. 4 22	100	1002·4	1014·4	−0·9	291·3	299·8	21st	280·7	275·0	16th	286·0	285·4	−0·1	128	+ 71
338	De Bilt	52 6	5 11	3·0	1013·7	1014·1	−1·2	290·5	298·7	22nd	280·4	273·7	13th	285·5	285·1	0·0	62	+ 12
338a	Hamburg	53 33	9 58	40·3	1009·8	1014·7	−0·7	290·4	299·7	6th	281·4	274·9	1st	285·9	285·4	+0·4	38	− 15
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1013·6	1014·4	−0·7	288·7	294·0	25th	280·8	276·0	3rd	284·7	*284·4*	+1·6	40	0
340	Potsdam	52 23	13 4	84·9	1003·5	1013·7	−1·4	291·7	299·9	6th	280·3	276·6	23rd	286·0	285·6	−0·3	70	+ 17
340a	Uppsala	59 51	17 38	24	1012·4	1015·3	+0·9	286·9	294·8	29th	275·2	269·8	5th	281·0	281·4	−0·9	35	− 8
341	Warsaw	52 13	21 3	88·3	1001·8	1012·4	−3·8	289·0	296·7	7th	280·3	276·1	4th	284·7	*284·9*	−2·7	75	+ 16
342	Tartu	58 23	26 43	80·8	1002·3	1012·1	−2·2	286·3	293·3	20th	277·8	271·5	5th	282·0	282·0	−0·9	45	+ 1
343	Leningrad	59 56	30 16	8·6	1012·3	1013·3	−1·2	284·9	293·0	20th	277·4	273·0	8th	281·2	*280·8*	−1·3	11	− 31
344	Moscow	55 50	37 33	167·2	991·9	1012·1	−3·3	286·3	295·0	13th	278·4	271·9	4th	282·4	*281·8*	−3·0	82	+ 33
345	Saratov	51 34	46 0	135	996·7	1012·7	−2·9	293·3	303·7	30th	282·0	272·6	7th	287·6	*286·9*	+0·1	15	..
346	Kazan	55 47	49 8	82·4	1003·2	1013·1	−2·8	289·1	300·6	15th	279·5	271·7	10th	284·3	*283·8*	−2·2	69	+ 34
347	Orenburg	51 45	55 6	109	1001·2	1014·2	−2·3	294·0	306·0	31st	280·5	271·2	7th	287·2	*286·8*	−0·7	34	− 1
348	Perm	58 1	56 16	159	993·6	1012·9	−2·2	287·3	301·7	16th	277·0	268·4	20th	282·2	*281·1*	−1·9	51	− 1
349	Sverdlovsk	56 50	60 38	281	980·0	1013·9	−0·5	287·7	300·8	16th	276·4	268·4	19th	282·0	*281·1*	−1·8	43	0
350	Tobolsk	58 12	68 14	108	1002·4	1014·6	−0·4	286·5	303·0	18th	276·5	269·3	7th	281·5	*280·1*	−2·0	30	− 10
351	Akmolinsk	51 12	71 23	347	974·0	1015·9	−0·7	292·4	300·7	31st	277·8	269·8	22nd	285·1	*284·7*	−1·1	20	− 4
352	Omsk	55 1	73 19	108	1002·0	1014·7	−0·2	288·6	303·6	18th	277·0	268·8	24th	282·8	*282·3*	−1·6	25	− 4
353	Barnaoul	53 20	83 47	158	997·0	1016·1	+0·5	290·4	303·6	4th	277·1	269·1	23rd	283·8	*283·1*	−0·8	35	+ 2
354	Tomsk	56 30	84 58	123	999·9	1014·8	+0·5	286·6	301·5	19th	275·2	269·2	24th	280·9	*280·1*	−1·0	61	+ 19
355	Minousinsk	53 43	91 41	249	985·2	1015·2	0·0	289·1	302·1	4th	275·1	267·2	28th	282·1	*281·8*	−1·6	21	− 14
356	Eniseisk	58 27	92 10	78	1003·0	1012·6	+0·1	284·4	300·0	19th	273·1	266·1	10th	278·8	*277·8,*	−2·2	55	+ 23
357	Irkutsk	52 16	104 19	467	958·3	1014·1	+0·1	287·6	304·0	9th	273·0	264·0	27th	280·3	*279·7*	−1·5	42	+ 9
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	665	930·6	1008·1	−0·9	288·7	304·2	9th	274·2	264·4	4th	281·4	*281·1*	0·0	34	+ 6
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics.
‡ See Table of Authorities, Remarks, pages 105-15.

MAY - ZONE 3 cont. TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	Mean at M.S.L.	Diff. from Normal	TEMPERATURE Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean*	Diff. from Normal	PRECIPITATION Total	Diff. from Normal
		° N.	° E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
361	Tygan Ourkan	54 5	124 46	379	962·2	1007·7	−0·6	285·8	298·5	21st	272·1	263·8	5th	279·0	*279·1*	−1·5	52	+23
362	Blagovyeshchensk (Bureau Meteor.)	50 16	127 30	142	989·5	1006·4	−0·8	292·3	306·0	26th	278·2	272·2	1st	285·2	*284·9*	+1·3	33	− 7
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1004·4	1009·6	+0·1	282·6	291·6	21st	273·6	269·5	13th	278·1	277·0	+0·6	51	+18
366	Okhotsk	59 21	143 17	5·5	1011·2	1011·9	0·0	277·6	287·9	26th	271·0	265·6	2nd	274·3	*273.2*	−0·1	38	+15
368	Petropavlovsk (Phare)	52 53	158 43	87·1	1000·0	1010·8	+0·9	279·3	285·1	22nd	273·1	268·3	1st	276·2	*275·1*	−0·1	..	..
369	Kluchevskoye	56 21	160 48	23·5	1011·1	1014·0	..	..	..	..	272·6	264·2	1st	..	*275·5*	..	16	..
370	Nikolskoe	55 12	165 59	6·8	1010·7	1011·6	..	..	..	..	272·0	268·5	7th	..	*274·3*	..	45	..
		N.	E.															

MAY - ZONE 4 BETWEEN LATITUDE 50° N. AND 40° N.

		N.	W.															
411	Victoria, B.C.	48 24	123 19	69·5	1006·6	1015·1	−1·3	286·7	290·2	27th	280·3	278·0	6th	283·5	*283·2*	−1·2	38	+ 9
412	Portland, Oregon	45 32	122 41	46·6	1011·5	1016·9	−0·3	289·1	299·7	28th	281·2	279·1	7th	285·2	*284·7*	−1·5	91	+33
413	Macleod	49 44	113 24	953	..	..	..	290·1	299·7	30th	277·7	273·0	11th,17th	283·9	*284·1*	+0·4	46	− 4
414	Helena	46 34	112 4	1257	870·6	1011·8	−1·4	288·6	303·6	30th	276·9	271·9	7th	282·8	*282·4*	−1·2	36	−18
414a	Salt Lake City	40 46	111 54	1328	864·2	1011·2	−0·3	290·6	304·7	30th	278·8	273·6	9th	284·7	*284·8*	−2·9	83	+32
415	Cheyenne	41 8	104 48	1857	809·7	1010·5	−1·4	288·0	300·2	31st	276·1	269·7	12th	282·1	*282·2*	−1·3	87	+26
416	North Platte	41 8	100 45	860	912·3	1010·5	−2·3	293·8	305·2	18th	280·8	275·2	8th	287·3	*287·2*	−0·5	66	− 6
416a	Bismarck	46 47	100 48	510	950·9	1010·8	−2·6	292·1	305·8	31st	280·2	271·9	2nd	286·1	*286·2*	+0·9	60	− 2
417	Winnipeg	49 53	97 7	232	984·1	1011·7	..	292·4	301·9	15th	278·8	270·2	12th	285·6	*285·6*	+1·5	134	+83
418	Duluth	46 47	92 6	345	971·5	1012·8	−1·7	287·9	297·4	25th	277·7	271·3	10th	282·8	*282·4*	+1·1	55	−31
419	Port Arthur	48 27	89 12	196	990·5	1014·1	−0·8	287·1	295·8	30th	278·1	271·9	8th	282·6	*282·4*	+1·4	48	− 5
420	Chicago	41 47	87 35	205	988·1	1012·8	−1·7	292·3	303·0	23rd	284·8	277·4	3rd	288·6	*288·0*	+0·9	128	+37
421	Toronto	43 40	79 24	116	1000·2	1014·1	−1·1	292·3	301·3	25th	281·9	274·7	4th	287·1	*286·9*	+2·0	28	-43
422	¤New York (Central Park)	40 47	73 58	47·4	1008·7	1014·3	−1·2	295·7	305·2	27th	286·3	280·8	6th	291·0	290·4	+1·6	132	+47
423	St. John, N.B.	45 17	66 4	36·3	1008·8	1013·2	..	286·7	297·4	20th	277·4	270·8	8th	282·1	*281·7*	0·0	89	− 5
424	S.W. Point, Anticosti	49 24	63 33	9·1	1009·0	1010·1	..	279·5	286·9	30th	272·1	268·6	5th, 7th	275·8	*276·2*	−1·5	71	+ 9
424a	Sable Island (Main Station)	43 57	60 6	7·6	1013·7	1014·6	..	282·4	286·3	30th	276·7	271·9	5th	279·6	*279·3*	+0·1	89	+ 2
426	St. John's, Newfoundland	47 34	52 42	74·1	998·8	1007·9	−5·2	283·2	293·0	3rd	273·9	269·1	14th	278·6	*278·4*	−0·5	37	−54
435	Madrid	40 24	3 41	667	939·1	1014·5	−0·8	297·9	305·5	19th	284·7	280·0	4th	291·3	*290·3*	+2·6	35	− 5
436	Nantes	47 15	W. 1 34	36·5	1011·3	1015·6	−0·2	292·6	298·1	20th	282·8	279·5	1st	287·7	287·5	+0·9	42	−16
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1009·3	1015·3	−0·7	292·4	299·7	22nd,23rd	282·1	278·0	15th	287·3	287·2	+0·8	103	+52
438	Marseille	43 18	5 23	75	..	1012·9	−0·7	296·1	300·6	24th	284·7	281·7	16th	290·4	*290·3*	+1·1	18	−26
438a	Zürich	47 23	8 33	493	957·2	1015·1	−0·6	290·4	298·2	5th	280·6	277·3	20th	285·5	284·6	−1·4	198	+91
439	Rome	41 54	12 29	45·5	1007·6	1013·0	−1·2	296·1	302·4	2nd	285·7	280·8	14th	290·9	*290·9*	+0·2	38	−17
440	Vienna	48 15	16 22	203	988·8	1012·9	−1·4	290·5	298·0	7th	282·6	279·7	25th	286·6	286·5	−1·5	83	+12
440a	Budapest	47 31	19 1	130	995·9	1011·4	−2·6	293·9	299·4	1st	283·5	278·7	14th	288·7	288·1	−0·9	105	+33
441	Sofia	42 42	23 20	550	947·8	1011·5	−2·8	291·9	300·0	2nd	281·8	277·6	18th	286·9	*286·8*	−1·3	169	+82
442	Bucharest	44 25	26 6	82	1001·1	1010·9	−3·1	294·2	300·7	27th	283·2	279·0	18th	288·7	288·2	−1·6	72	+ 9
443	Odessa (Observatory)	46 26	30 46	42·8	..	..	..	288·7	293·6	2nd	283·0	279·6	25th	285·8	*285·2*	−3·6	72	+41
444	Novorossiisk	44 44	37 49	37·1	1007·6	1012·0	−2·5	291·4	298·4	13th	284·8	281·4	1st	288·1	*287·2*	−1·4	29	−10
445	Tiflis	41 43	44 48	404	965·4	1011·8	−2·9	297·4	302·8	14th	285·6	279·5	2nd	291·5	290·6	+0·8	41	−40
446	Astrakhan	46 21	48 2	−20	1015·4	1013·0	−2·1	295·2	301·2	15th	285·3	277·7	8th	290·2	*289·5*	−1·0	71	+53
447	Fort Alexandrovsk	44 31	50 7	−23·0	1015·1	1012·4	−2·3	294·4	303·7	23rd	286·6	280·2	8th	290·5	*289·7*	−0·6	13	− 2
448	Krasnovodsk	40 0	52 59	− 7·4	1012·0	1011·1	−2·8	299·7	309·0	23rd	289·0	283·3	7th	294·4	*293·5*	−0·1	3	− 7
449	Kasalinsk	45 46	62 7	66·7	1006·2	1014·0	−0·8	299·4	308·1	31st	285·1	276·9	9th	292·2	*291·9*	+2·1	1	− 9
450	Tashkent	41 20	69 18	479	955·8	1009·7	−3·2	301·5	308·2	31st	287·5	281·7	4th	294·5	*294·0*	+1·1	49	+ 18
451	Andijan	40 44	72 20	496	953·5	1009·0	..	303·6	309·6	31st	289·3	281·4	5th	296·4	*295·3*	..	5	..
452	Alma Ata	43 16	76 55	848	918·2	1013·3	−0·9	296·4	303·4	28th	284·5	279·4	25th	290·4	*289·8*	..	49	−40
459	Peiping	40 0	116 22	84·5	1003·6	1013·5	..	299·6	307·5	7th	284·6	277·0	3rd	292·1	292·7	..	73	..
461	Fengtien (Moukden)	41 47	123 24	44·3	1004·5	1009·9	+0·9	297·4	305·4	26th	283·6	274·3	3rd	290·5	290·5	+1·7	52	− 7
462	Joshin	40 40	129 12	31·9	1008·3	1012·2	+2·0	289·4	300·4	9th	281·7	276·7	6th	285·5	284·7	+0·9	103	+41
463	Yuki	42 20	130 24	63·8	1004·1	1011·8	+1·5	288·7	300·2	7th	280·4	277·0	7th	284·5	284·0	+1·4	60	−16
464	Vladivostok	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
465	Ochiai	47 20	142 47	27·4	1007·7	1011·1	+0·4	288·0	301·4	24th	275·1	270·1	11th	281·5	280·8	+2·1	28	-47
466	Nemuro	43 20	145 35	26·7	1010·3	1013·6	+2·1	284·4	296·3	23rd	276·3	273·2	11th	280·3	280·0	+0·5	134	+40
466a	Syana	45 14	147 53	39·3	1008·2	1013·0	+1·4	283·7	294·5	25th	274·4	270·0	15th	279·1	278·7	+0·5	65	−13
		N.	E.															

MAY - ZONE 5 (AMERICA) BETWEEN LATITUDE 40° N. AND 30° N.

		N.	W.															
511	San Francisco	37 48	122 26	47·2	1012·2	1017·9	+2·1	289·1	302·4	27th	282.7	281·3	14th	285·9	*285·3*	−0·2	35	+16
512	Sacramento	38 35	121 30	20·1	1013·5	1015·9	+2·2	295·1	310·8	28th	281·6	276·9	6th	288·3	*288·2*	−2·1	8	−11
513	San Diego	32 43	117 10	26·5	1012·8	1015·9	+1·6	290·5	296·3	24th	284·6	281·9	10th	287·6	*287·4*	−1·2	13	+ 5
514	Modena	37 48	113 54	1668	830·0	1009·8	−0·8	290·6	303·0	30th	274·4	268·6	1st	282·5	*282·1*	−2·6	29	+ 8
515	Santa Fé	35 41	105 57	2138	784·6	1008·1	−1·2	291·8	298·6	31st	278·1	271·3	14th	284·9	*285·2*	−1·4	25	− 2
516	Denver	39 45	105 0	1613	833·7	1009·8	−1·6	291·7	303·0	31st	280·0	273·0	11th	285·9	*285·5*	−0·8	59	− 2
517	Abilene	32 23	99 40	530	949·5	1009·5	−2·0	303·1	309·7	11th	289·9	281·9	5th	296·5	*296·1*	+1·4	199	+101
518	Saint Louis	38 38	90 12	173	991·5	1011·8	−2·3	297·4	306·9	20th	287·7	280·2	3rd	292·6	*292·4*	+0·6	218	+104
519	Mobile	30 41	88 2	17·4	1012·2	1014·2	−1·1	302·3	306·3	18th	295·1	288·6	3rd	298·7	*298·5*	+2·8	38	−73
520	Nashville	36 10	86 47	166	994·9	1014·5	−1·0	300·1	305·2	25th	289·7	284·1	4th	294·9	*294·8*	+1·7	252	+156
521	Charleston	32 47	79 56	14·6	1014·2	1015·9	−0·2	302·6	308·0	14th	294·4	289·7	18th	298·5	*298·1*	+3·2	45	-41
522	Washington	38 54	77 3	34·1	1010·5	1014·5	−1·0	297·5	305·8	24th	287·6	281·3	9th	292·6	*291·9*	+1·8	159	+67
524	Bermuda	32 22	64 40	48·2	..	1017·4	..	298·0	301·3	30th,31st	292·4	289·7	18th	295·2	*294·8*	+1·1	69	−47
		N.	W.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics.
¤Change of normals, see Table of Authorities, pages 105-15.

MAY - ZONE 5 (EUROPE, AFRICA, ASIA) TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 8	40	1014·7	1020·2	−1·0	292·3	295·1	15th	287·9	282·6	3rd	290·1	289·9	+0·1	77	−24
531	Horta	38 32	28 38	65	1013·3	1021·1	−0·1	293·3	297·3	27th	287·5	282·3	3rd	290·3	290·1	+0·3	41	−41
532	Ponta Delgada	37 44	25 40	22	1019·2	1021·9	+1·2	292·0	294·9	23rd	287·8	283·3	4th,5th	289·9	289·9	+0·4	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	43	−23
533	Madeira (Funchal)	32 38	16 55	25	1016·1	1019·1	+0·2	293·9	296·7	19th	288·8	286·3	2nd	291·4	291·5	+1·0	22	−6
535	Lisbon	38 43	9 9	95	1005·1	1016·3	+1·1	295·1	303·7	17th	287·8	285·0	5th	291·5	291·7	+2·1	36	−14
536	Gibraltar	36 6	5 21	27·4	..	1016·0	−0·3	298·6	303·6	26th	288·1	284·1	4th	293·3	292·2	+1·7	3	−37
536a	Colomb-Béchar	31 37	W. 2 13	769	926·8	1011·5	+1·1	304·0	308·3	31st	291·0	285·4	26th	297·5	297·5	+1·0	16	+14
537	Palma	39 34	E. 2 39	23	1012·3	1015·0	−0·7	296·9	301·8	1st	285·1	280·8	4th	291·0	290·7	−0·3	16	−24
538	Algiers	36 46	3 13	59	1008·4	1015·3	+0·1	296·5	303·0	5th	289·6	286·8	23rd	293·1	292·7	+1·3	12	−19
538a	Gadames	30 8	9 30	361	..	..	..	314·2	322·3	24th	291·0	286·1	10th,16th	302·6	..	+0·7	0	0
539	Tunis	36 48	10 10	66	1007·2	1015·0	+0·3	296·9	308·0	1st	286·3	282·8	17th	291·6	291·5	+0·3	22	0
540	Malta	35 54	14 31	71·2	..	1014·5	+0·5	293·8	306·3	2nd	288·1	285·8	18th	290·9	290·0	−1·0	11	+ 1
541	Athens	37 58	23 43	107	998·8	1011·4	−2·0	295·9	299·9	4th	287·0	284·0	21st	291·4	290·8	−1·7	27	+ 5
542	Alexandria	31 12	29 53	32	1010·3	1014·0	+0·6	299·2	308·1	25th	289·6	287·6	9th	294·4	293·6	−0·4	2	+ 1
543	Ankara	39 58	32 48	861	912·9	1009·9	−3·0	293·7	300·2	4th	280·8	275·3	23rd	287·3	287·6	..	49	..
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1011·1	−0·2	300·0	304·7	3rd	285·9	283·0	18th,23rd	292·9	..	−1·3	6	−24
544	Beirut	33 54	35 28	33·7	..	1012·6	−0·2	298·6	301·7	2nd	290·3	288·6	9th	294·5	294·0	−0·2	8	−10
545	Hinaidi	33 17	44 25	32·9	1004·4	1008·1	−1·0	309·4	314·1	22nd	292·2	288·0	2nd	300·8	301·1	−0·3	0	−8
546	Lenkoran	38 46	48 51	−20·0	..	..	..	..	..	..	..	..	..	..	..	−0·3	0	..
547	Tehran	35 41	51 25	1220	..	..	..	303·1	307·4	22nd	288·5	283·3	3rd	295·8	295·9	+1·5	1	−13
548	Meshed	36 17	59 36	946	..	..	..	302·1	308·6	23rd	..	..	..	..	..	..	16	−15
549	Seistan	31 2	61 30	?610	950·2	..	..	309·2	313·0	31st	294·4	289·7	4th	301·8	..	+2·1	0	− 1
550	Quetta	30 10	67 1	1647	833·2	..	−0·8	302·7	308·0	28,30,31	285·8	280·8	9th	294·3	294·4	+1·4	22	+13
551	Peshawar	34 1	71 35	355	966·0	1005·1	+0·5	308·9	316·9	25th	294·0	289·1	4th,8th	301·5	301·3	−0·4	8	−13
551a	Lahore	31 35	74 20	214	980·8	1004·5	+1·8	310·7	319·1	31st	296·1	291·3	3rd,8th	303·4	303·4	−1·2	4	−13
552	Simla	31 6	77 10	2202	780·8	..	+0·4	292·8	299·1	26th	285·5	278·6	9th	289·2	289·3	−1·6	146	+73
552a	Leh	34 9	77 34	3503	667·2	..	−0·3	291·6	297·4	31st	275·7	271·3	7th	283·6	283·3	+0·4	1	− 5
558	Sian	34 31	109 5	365	967·7	1008·8	..	301·7	308·0	7th	290·6	279·0	3rd	296·1	297·0	..	68	..
559	Hankow	30 35	114 17	39·1	1007·6	1012·2	+1·4	300·3	304·0	30th	291·9	283·3	3rd	296·1	295·6	+1·1	211	+52
560	Tientsin	39 9	117 9	6·4	1010·0	1010·6	+1·0	301·4	310·0	7th	286·2	278·1	3rd	293·8	293·1	+0·6	38	+ 8
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1011·7	1012·5	+1·3	299·6	306·7	18th	288·4	280·5	3rd	294·0	293·0	+1·3	83	−11
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1004·7	1013·0	+1·5	293·4	299·4	27th	284·6	279·1	6th	289·0	288·4	+1·0	143	+65
562a	Nagasaki	32 44	129 52	133	998·4	1013·9	+1·9	296·1	300·3	31st	288·0	281·7	4th	292·1	291·7	+0·8	131	−56
563	Kyoto	35 1	135 44	42·9	1009·0	1014·0	+2·0	298·2	303·8	14th	285·5	276·2	4th	291·9	291·7	+2·2	173	+31
564	Tokyo	35 41	139 46	5·8	1013·1	1013·8	+1·7	296·1	301·6	21st	286·5	280·7	12th	291·3	291·1	+1·5	60	−84
565	Hukusima	37 45	140 28	68·5	1006·0	1014·2	+2·5	295·3	300·5	20th	283·1	274·5	7th	289·2	288·9	+1·0	67	−26
566	Miyako	39 38	141 59	30·4	1009·9	1013·6	+2·0	291·7	299·7	20th	280·5	274·2	9th	286·1	285·4	+0·1	47	−72

MAY - ZONE 6 (AMERICA, AFRICA) BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		N.	W.															
601	Midway Island	28 13	177 22	5·8	1017·9	1018·6	..	299·1	301·9	23rd	..	..	..	..	..	..	113	+45
605	Honolulu	21 19	157 52	11·6	1017·6	1018·9	+1·3	298·4	299·7	14th	294·0	292·4	13th	296·2	296·1	−0·6	15	−29
613	Guaymas	27 55	110 53	8·3	1010·7	1011·6	+0·4	303·4	310·6	19th	291·8	286·5	6th	297·6	296·7	−1·2	0	− 1
614	La Paz, Mexico	24 10	110 20	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..
615	Leon	21 7	101 41	1809	817·2	1000·8	−3·4	305·7	308·2	14th	286·6	282·4	5th	296·1	297·2	+0·9	5	−27
616	Monterry	25 40	100 18	528	949·0	1006·9	−2·2	306·6	313·9	9th	294·7	289·9	5th	300·7	300·7	+2·1	4	−29
617	Tulancingo	20 5	98 22	2181	789·1	..	−0·4	301·7	307·7	6th	283·0	278·9	19th	292·3	291·6	+0·7	1	−50
618	Galveston	29 18	94 50	16·5	1009·8	1011·8	−2·4	301·4	306·3	31st	296·7	291·3	4th	299·1	298·6	+2·2	36	−56
618a	New Orleans	29 57	90 4	16·2	1011·8	1013·5	−1·4	303·4	306·3	29th	295·8	290·8	3rd	299·6	299·3	+2·6	76	−31
619	Merida, Yucatan	20 58	89 38	22	1007·7	1010·2	−2·5	305·9	313·2	5th	297·0	294·4	22nd	301·5	300·3	0·0	82	+11
620	Havana	23 7	82 25	77·0	1004·3	1013·1	−1·4	303·5	307·1	10th	295·6	293·0	1st,2nd	299·5	299·0	+0·5	94	− 1
620a	Key West	24 33	81 48	6·7	1013·9	1014·5	−0·2	303·3	305·2	8th	298·0	295·8	20th	300·7	299·9	+1·6	37	−52
621	Nassau, Bahamas	25 5	77 20	5·4	..	1017·5	+1·5	302·2	304·7	23rd	297·3	294·1	3rd	299·8	299·7	+1·2	80	−70
622	San Salvador (Watling Island)	24 6	74 26	33·5	1013·2	1017·0	+0·7	..	301·9	16,28,29	..	295·2	16th	..	299·1	+0·4	..	..
633	Port Etienne	20 56	17 3	4	..	..	..	..	..	..	..	..	..	..	..	..	0	0
634	La Laguna	28 28	16 20	547	952·4	1015·3	−1·9	292·4	296·7	27th	285·7	281·0	3rd,4th	289·1	288·7	0·0	25	+ 9
634m	Izaña	28 19	16 30	2367	769·0	..	+0·9	286·6	289·9	16th	278·5	270·7	2nd	282·6	281·3	+0·6	6	− 6
636	Adrar	27 52	W. 0 17	285	978·8	1010·2	..	309·9	313·9	31st	294·1	287·3	8th	302·0	303·9	..	0	..
638	Tamanrasset (Fort Laperrine)	22 47	E. 5 31	1350	864·4	1005·8	+1·1	304·8	307·4	5th,9th	290·8	287·0	18th	297·8	298·2	−0·8	88	+73
639	Gat	24 58	10 11	566	..	..	..	311·5	316·5	6th	297·0	290·5	7th	304·3	302·1	..	0	..
640	Hon	29 8	15 56	207	..	..	..	307·0	313·2	3rd	286·5	280·7	1st	296·7	298·5	..	42	..
641	Giarabub	29 44	24 31	15	..	..	..	305·5	312·4	9th	290·0	285·4	1st	297·7	299·2	..	0	..
642	Siwa	29 12	25 29	−15	1015·1	1013·2	−0·8	305·1	313·1	25th	285·5	283·0	Sev.dates	295·3	296·2	−2·7	0	0
643	Cairo (Helwan)	29 52	31 20	116	999·0	1012·3	+0·2	304·8	313·3	10th	290·6	287·4	3rd,8th	297·7	297·5	−0·1	0	− 1
643a	Aswan	24 2	32 53	100	997·9	1009·0	−0·5	312·9	319·3	28th	295·9	291·8	3rd	304·4	303·6	+1·1	..	..
644	Tor	28 14	33 37	1·9	1009·8	1010·0	+0·2	303·9	314·0	26th	293·7	289·5	10th	298·8	298·1	+0·4	0	0
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N. MAY - ZONE 6 (ASIA)

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	28 59	50 49	4·3	1004·6	1005·1	..	303·7	309·1	9th	297·2	293·6	8th	300·4	299·8	−0·6	0	− 1
648	Jask	25 45	57 45	4·0	1003·7	1004·2	..	306·3	310·2	23rd	298·6	295·8	4,6,10	302·4	301·8	−0·3	0	0
649	Manora (Karachi)	24 48	66 59	4·0	1005·3	1005·7	0·0	304·5	305·8	Sev.dates	299·4	295·2	1st	301·9	301·3	+0·1	6	+ 4
650	Jacobabad	28 17	68 29	56·7	996·9	1003·1	+0·4	314·8	321·3	31st	300·3	294·7	3rd,8th	307·6	307·2	−0·5	5	+ 1
651	Jaipur	26 55	75 50	436	958·4	1006·1	+1·7	310·2	318·6	31st	296·9	291·3	1st	303·6	303·4	−2·7	36	+ 21
652	Nagpur	21 9	79 7	310	972·4	1006·6	+1·8	311·2	315·2	28th	297·4	293·0	4th	304·3	303·9	−2·6	47	+ 39
653	Allahabad	25 26	81 50	94·2	994·8	1005·4	+1·9	310·4	316·9	22nd,23rd	298·3	292·4	9th	304·3	303·9	−2·6	47	+ 39
653a	Darjiling	27 3	88 16	2265	775·5	..	+0·5	289·1	293·0	28th	283·8	279·1	10th	286·4	286·5	−0·7	288	+ 32
654	Calcutta	22 32	88 20	6·4	1005·7	1006·5	+1·5	307·5	310·8	22nd	298·1	294·1	9th	302·8	302·4	−0·4	190	+ 44
655	Gauhati	26 11	91 45	55·5	1001·4	1007·8	+0·6	303·6	306·3	15th,16th	295·3	293·0	2,6,7	299·4	298·3	−0·4	231	+ 10
655a	Akyab	20 8	92 55	8·8	1007·0	1008·0	+0·5	304·7	307·4	22nd	298·2	295·2	8th	301·4	301·7	−0·5	749	+395
655c	Cherrapunji	25 15	91 44	1313	867·2	..	+0·5	295·0	298·0	26th	289·2	284·1	12th	292·1	291·5	0·0	717	−458
656	Mandalay	21 59	96 6	76·2	999·2	1007·7	+0·5	308·1	313·6	1st	298·3	294·1	5th	303·2	302·9	−1·6	252	+103
656a	Tengyueh	25 0	98 40	1634	833·5	1005·3	..	296·2	301·0	2nd,4th	286·4	282·5	1,2,14	291·3	291·2	+0·1	223	+ 97
657	Phu Lien	20 48	106 38	116	..	1009·1	+2·0	302·9	306·2	28th	296·7	294·0	3rd	299·8	299·3	−0·1	417	+228
658	Moncay	21 31	107 58	9·0	..	1009·2	+1·6	302·9	305·0	2nd	296·9	293·9	3rd	299·7	298·8	−0·4	414	+137
659	Hongkong	22 18	114 10	33·2	..	1010·7	+1·6	301·9	305·2	26th	296·9	294·5	4th	299·4	298·8	+0·9	115	−192
660	Amoy	24 26	118 4	4·9	1012·2	1012·8	+2·1	300·4	305·0	15th	295·7	292·0	4th	298·1	297·7	+1·2	38	−120
661	Taihoku, Formosa	25 2	121 31	9·3	1010·7	1011·7	+1·5	302·6	306·7	13th	294·2	290·7	4th	298·3	297·9	+0·9	210	− 26
661a	Basco	20 28	121 59	18·7	..	1009·8	+1·3	303·8	305·2	26th	298·1	295·9	11th	300·9	300·5	0·0	188	− 34
662	Naha	26 12	127 39	29·5	1009·5	1012·9	+1·9	299·4	301·9	21st	293·7	286·6	4th	296·5	296·3	+0·2	84	−161
665	Titizima (Bonin Islands)	27 5	142 11	4·3	1014·3	1014·7	+1·6	300·0	302·9	19th	292·9	289·0	13th	296·5	296·1	+0·4	158	− 47
		N.	E.															

MAY - ZONE 7 BETWEEN LATITUDE 20° N. AND 10° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		N.	W.															
715	Colima	19 12	103 45	498	954·4	1010·0	−0·9	307·1	310·5	18th	289·7	285·9	6th	298·4	296·8	−1·6	0	− 9
716	Morelia	19 42	101 7	1923	808·0	1003·8	−2·5	301·9	304·0	13th	287·7	283·5	5th	294·8	294·8	+1·8	0	− 42
717	Mexico, Tacubaya	19 24	99 12	2309	774·0	..	−0·4	303·6	306·6	11th	282·8	279·2	19th	293·2	292·0	+1·7	18	− 33
718	Salina Cruz	16 12	95 12	56	1002·8	1009·1	−1·8	304·4	309·0	18th	297·1	295·7	15th	300·7	301·2	−0·1	3	− 82
719	San Salvador	13 42	89 13	682	936·7	1012·0	+0·3	304·5	309·0	4th	292·5	290·2	5th,14th	298·5	296·8	−0·5	269	+ 68
720	Belize	17 31	88 11	5·2	1008·9	1009·4	−2·8	303·3	306·1	5th	297·5	294·1	23rd	300·4	300·0	−0·2	336	+241
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1012·9	−0·1	303·1	304·7	11th	295·3	292·2	2nd	299·2	299·4	0·0	67	− 92
722	Port au Prince	18 33	72 20	37·4	1009·5	1013·7	−0·3	306·3	309·4	11th	296·2	294·3	2nd	301·3	300·5	+1·1	146	− 92
723	Caracas	10 30	66 55	1043	898·0	1011·0	..	300·7	303·1	5th	290·4	289·0	10th	295·5	294·8	+0·7	123	+ 52
724	San Juan, Porto Rico	18 29	66 7	25·0	1012·2	1015·2	−0·3	301·9	305·2	4th	296·7	294·7	1st	299·3	298·9	+0·4	263	+142
724a	Grenada (Richmond Hill)	12 5	61 46	188	992·7	1014·1	..	303·6	304·7	10,17,31	295·7	294·1	21,22,29	299·6	299·2	+0·1	161	+ 55
725	Barbados	13 8	59 36	57·9	..	1014·0	−0·2	303·6	304·1	Sev.dates	295·9	294·7	5,16,23	299·7	299·6	0·0	35	− 28
731	São Vicente, C. Verde Is.	16 54	25 4	11	1013·7	1015·0	+0·4	298·4	300·0	1st,25th	291·9	291·3	4th	295·2	296·1	+0·4	0	0
732	San Tiago, C. Verde Is.	14 54	23 31	34	..	..	..	299·8	301·2	9th,10th	..	..	..	..	298·3	..	0	0
733	Dakar	14 40	17 26	32	1008·0	1011·7	..	302·0	305·2	31st	294·4	293·4	20th	298·2	297·7	+0·8	0	− 1
734	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	299·7	304·7	4th	294·7	290·2	3rd	297·2	297·0	+0·1	0	− 3
735	Bamako	12 39	7 58	340	970·0	1007·1	..	311·0	319·0	24th,26th	299·2	294·2	30th	305·1	305·0	..	128	..
736	Kabara	16 45	W. 3 1	273	..	..	..	320·1	323·0	7th,16th	298·0	295·0	12th	309·1	309·0	..	6	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	312·2	316·3	2nd	298·8	293·0	26th	305·5	305·2	+0·2	86	+ 36
738	Kaduna Capital	10 32	7 25	584	942·5	1005·9	..	305·5	310·8	6th	295·6	293·0	21st	300·5	300·1	+0·9	117	− 28
739	Bilma	18 41	12 55	356	970·1	1009·1	..	314·7	317·9	13th	293·4	287·0	7th	304·1	..	..	0	..
740	Maiduguri	11 47	13 11	361	..	..	..	312·1	316·3	1,9,11	..	..	..	..	304·7	−0·4	117	+ 79
741	El Fasher	13 32	25 18	730	927·0	1005·3	..	313·7	317·0	28th,29th	293·2	288·0	8th	303·5	302·2	+0·1	3	− 7
743	El Obeid	13 11	30 14	563	945·8	1006·6	+0·8	312·6	315·5	28th	296·9	292·1	30th	304·7	304·0	+0·9	56	+ 43
743a	Khartoum	15 37	32 33	380	964·1	1005·1	−0·6	315·1	318·1	29th	299·2	294·2	5th	307·1	307·1	+0·5	5	+ 2
744	Port Sudan	19 37	37 13	5·5	1008·6	1009·2	+0·6	309·1	313·7	17th	296·3	293·8	20th	302·7	302·6	+0·4	3	+ 2
745	Berbera, Somaliland	10 26	45 2	13·8	1005·6	1007·1	−1·1	308·7	317·1	30th	300·1	297·4	4th,5th	304·4	304·4	+0·2	6	− 1
746	Aden	12 49	45 2	29·9	1005·4	1008·6	+0·1	307·7	310·8	28th	301·4	298·6	13th	304·6	303·9	+1·0	0	− 3
751	Bombay	18 54	72 49	11·3	1006·9	1008·2	−1·1	305·8	306·9	15th,28th	299·4	296·3	17th	302·6	302·2	−0·3	72	+ 51
752	Kodaikanal	10 14	77 28	2343	770·6	..	−0·3	291·4	293·6	1st	285·0	283·6	4th,23rd	288·2	287·9	−0·4	353	+200
752a	Bangalore	12 58	77 35	921	908·5	1007·7	−0·3	304·6	309·1	1st,2nd	293·8	291·3	22nd	299·2	298·1	−0·7	196	+ 85
753	Madras	13 4	80 15	6·7	1006·9	1007·6	+0·6	307·7	311·3	27th,30th	299·8	298·0	1st,2nd	303·8	303·3	−0·9	2	− 25
754	Vizagapatam	17 42	83 18	38·4	1002·8	1007·1	+1·1	305·1	308·0	27th	299·9	296·9	31st	302·5	301·9	−1·6	36	− 15
755	Port Blair	11 40	92 43	18·0	1006·4	1008·4	−0·3	304·6	306·3	5 days	299·4	298·0	6,7,12	302·0	301·4	+0·4	366	− 37
756	Rangoon	16 46	96 11	5·5	1008·4	1009·1	+0·6	306·7	309·7	Sev.dates	298·3	296·9	5 days	302·5	301·2	+0·4	341	+ 37
757	Cap St. Jacques	10 20	107 5	180	..	1010·7	..	305·4	308·8	31st	298·4	296·7	11th	301·9	301·4	+0·6	2	−201
758	Nhatrang	12 15	109 12	3·6	..	1009·0	..	305·1	308·6	31st	297·5	296·4	23rd	301·3	300·8	−0·1	64	+ 14
759	Iba	15 20	119 58	4·8	..	1009·0	+1·3	308·5	310·0	5th	297·5	295·7	31st	303·0	302·1	+1·3	305	+ 4
761	Vigan	17 34	120 23	12·2	..	1008·6	+0·5	306·4	307·5	4th	298·4	295·9	31st	302·4	301·9	+0·1	172	− 1
761a	Manila	14 35	120 59	19·8	..	1009·4	+1·0	308·7	310·2	12th	297·1	295·0	8th	302·9	302·0	+0·6	86	− 30
762	Ormoc	11 0	124 36	5·6	..	1008·4	+0·5	306·3	308·3	9th	..	..	..	..	301·0	+1·0	87	− 18
765	Guam, Ladrone Is.	13 24	144 38	18·6	..	1009·2	0·0	304·1	305·0	8th,25th	298·1	297·0	8th,30th	301·1	301·2	0·0	153	+ 50
766	Saipan	15 14	145 46	207	987·7	1007·9	..	302·0	302·9	4th,11th	296·8	295·1	10th	299·4	298·9	..	95	..
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics.
‡See Table of Authorities, Remarks, pages 105-15. ∂Change of normals, see Table of Authorities, pages 105-15.

MAY - ZONE 8

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1010·1	1010·8	−0·1	303·1	304·7	27th,31st	298·3	296·3	8th,17th	300·7	*300·3*	−0·1	235	− 83
821	Cristobal	9 23	79 54	11·0	..	1010·4	−0·3	304·1	306·3	4th	297·9	296·3	10th	301·0	300·3	+0·7	206	−108
822	Bogota	4 36	74 5	2645	747·5	..	+1·1	292·4	295·2	27th	284·2	282·9	16th,17th	288·3	*287·5*	+0·4	123	+ 8
822a	Merida, Venezuela	8 36	71 9	1641	841·8	..	..	297·7	300·4	28th	288·9	287·2	20th	293·3	*292·1*	+0·2	322	+ 72
823	ǂCiudad Bolivar	8 9	63 33	38	1005·3	1009·6	−1·4	306·3	308·0	29th	297·3	295·8	21st	301·8	*301·2*	+0·3	53	− 47
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·5	−0·3	302·5	303·6	25th	297·8	295·2	16th	300·1	*299·8*	+0·3	364	+ 73
826	Paramaribo	5 49	55 9	3·7	1012·2	1012·6	−0·4	303·9	306·0	30th	296·2	293·9	16th	300·1	299·2	+0·2	266	− 40
826a	Cayenne	4 54	52 21	6	1011·8	1012·5	..	302·4	303·9	26th	295·5	294·2	30th	298·9	*297·9*	−0·6	793	+236
831	10°-5° N., 30°-25° W.	††7 17	††27 5	$(32)	..	1014·1	+1·7	..	..	Sea Temp. 299·8|+0·6	..	..	..	..	*299·3*	+0·3	..	..
833	Konakri	9 31	13 43	12·5	1010·4	1011·9	..	305·3	307·0	8th	296·5	293·1	1st	300·9	*300·3*	+0·1	152	− 8
834	Freetown, Sierra Leone	8 29	13 14	55·0	1005·3	1011·5	+1·3	304·9	306·9	3rd,7th	297·6	294·1	8th	301·3	*300·4*	..	93	−198
835	Assuantsi	5 18	1 15	97·3	999·6	1010·7	..	303·6	305·8	2nd	294·6	293·0	6th	299·1	*298·5*	0·0	195	+ 17
836	Accra	5 33	W. 0 12	17·7	1008·9	1010·9	+0·1	304·3	306·9	17th	297·2	295·2	6th,12th	300·7	*300·2*	+0·4	82	− 50
837	Lagos	6 27	E. 3 24	1·8	1011·9	1012·3	+1·6	303·9	305·2	8,10,14	297·8	294·7	5th	300·8	*300·3*	+0·1	168	−105
838	Victoria, Nigeria	4 1	9 12	15·5	1009·5	1011·2	..	304·1	306·1	18th	294·2	291·3	12th	299·1	*298·5*	..	161	−155
839	Yola	9 12	12 30	259	..	..	..	308·2	313·0	1st	297·6	294·1	29th	302·9	*302·4*	+0·2	116	− 3
841	Barumbu	1 11	23 30	?450	..	..	..	304·4	306·5	15th	292·7	291·2	17th	298·5	*297·8*	..	97	..
842	Wau	7 42	28 3	440	959·6	1008·0	+0·1	308·2	311·0	5,9,11	296·0	293·0	22nd,23rd	302·1	*301·1*	+0·9	95	− 46
843	Malakal	9 35	31 37	394	965·4	1008·8	+0·1	310·1	314·8	28th	296·9	294·2	14th	303·5	*302·0*	+1·1	27	− 65
843a	Juba	4 53	31 35	475	957·0	1009·7	..	307·1	309·6	20th	292·6	290·2	3rd,4th	299·9	*298·8*	..	133	..
844	Kampala (Kololo Hill)	0 20	32 36	1312	869·6	1009·1	..	299·0	301·9	27th	290·2	288·7	2nd	294·6	293·8	..	91	..
845	Baidoa	3 7	43 39	480	957·0	1010·0	..	305·2	307·2	27th	294·2	292·5	3rd,9th	299·7	..	..	18	..
846	Sheikh	9 55	45 15	1463	..	..	..	301·8	306·3	31st	284·8	278·0	8th	293·3	..	..	43	− 38
851	Minicoy	8 18	73 0	2·7	1009·0	1009·3	−0·8	303·6	306·3	3rd	298·1	294·7	19th	300·8	*300·2*	..	626	+463
851a	Cochin	9 58	76 14	2·7	1009·2	1009·6	−0·2	303·3	305·8	3rd	297·6	295·8	11th	300·5	*299·9*	−1·2	1077	+781
852	Colombo Observatory	6 54	79 52	7·3	..	1008·9	+0·7	302·8	304·2	1st,15th	297·4	295·3	16th	300·1	*299·5*	−1·1	531	+253
853	Nuwara Eliya	6 58	80 46	1881	813·2	1010·8	+0·7	292·4	296·4	14th	285·4	282·9	3rd	288·9	*288·1*	−0·6	884	+711
854	Trincomalee	8 35	81 15	30·2	..	1006·9	+1·4	303·9	304·9	1st	298·0	295·8	11th	300·9	*300·3*	−2·3	89	+ 26
855	Koetaradja	5 32	95 20	7·1	..	..	..	..	..	..	..	..	..	..	..	..	55	− 98
856	Medan	3 35	98 41	25·0	..	1009·0	0·0	304·7	306·6	30th	295·9	294·1	9th	300·3	*299·6*	0·0	124	− 52
857	Butterworth	5 25	100 22	2·1	..	1008·6	..	304·9	306·3	22nd,30th	296·9	295·8	31st	300·9	300·3	..	193	..
858	Singapore (Mt. Faber)	1 16	103 49	90·5	..	1008·7	+0·2	304·5	306·9	25th	297·1	295·8	Sev.dates	300·8	300·1	..	160	..
859	Sandakan	5 50	118 7	55·5	1003·0	1009·3	..	304·7	306·9	31st	297·7	296·9	Sev.dates	301·2	*300·7*	+0·1	17	−144
860	Iwahig	9 44	118 38	14·3	..	1008·0	+0·5	305·8	307·6	31st	297·1	296·1	10th	301·5	*300·9*	+0·9	88	− 72
861	Tagbilaran	9 38	123 51	21·3	..	1008·4	+0·1	305·5	307·0	30th	297·6	296·2	6th	301·5	300·9	+0·3	154	+ 65
861a	Menado	1 30	124 50	8·5	..	1008·8	+0·1	304·4	305·5	8th	296·3	294·5	31st	300·3	*299·6*	+0·3	275	+115
862	Surigao	9 48	125 29	6·0	..	1009·1	+0·6	304·1	306·2	30th	297·5	296·6	27th	301·3	300·6	+0·5	119	− 33
863	Kolonie, Yap	9 29	138 8	29·3	..	1010·9	+1·9	303·2	305·0	10th,27th	298·1	296·0	24th	300·7	300·4	+0·1	225	− 34
864	Palau	7 20	134 29	31·8	1005·9	1009·6	+0·2	303·2	304·5	8th,10th	297·9	296·3	22nd	300·5	300·1	0·0	387	− 20
867	Ponape	6 58 N.	158 13 E.	38·9	1005·4	1009·8	..	302·2	303·0	22nd,29th	297·1	295·4	6th	299·7	299·5	..	728	..

MAY - ZONE 9 BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
902	Atafu	8 32	172 31	1·8	..	1011·1	..	303·6	304·1	21,25,26	299·8	297·7	3rd	301·7	*301·4*	..	167	..
920	Lambayeque	6 46	79 55	15	1012·5	1014·3	..	298·9	301·0	25th	291·1	288·0	31st	295·0	294·2	..	0	..
921	Quito	0 13	78 30	2816	727·7	..	−0·5	294·3	297·7	27th	280·9	278·6	9th,30th	287·6	286·1	+0·2	78	− 55
923	Senna Madureira	9 4	68 40	135	995·4	1010·8	..	305·2	309·9	20th	292·8	285·8	18th	299·0	*297·7*	..	119	..
923a	São Gabriel do Rio Negro	0 8	67 5	85	1002·4	1012·2	..	303·3	306·1	6th	295·2	294·3	11th,20th	299·2	*298·0*	..	313	..
924	Manaos	3 8	60 1	43·8	1006·8	1011·8	..	303·9	306·2	30th,31st	295·7	294·4	12th	299·8	*299·6*	+0·6	171	+ 2
925	Parintins	2 38	56 44	18	..	..	..	..	..	..	..	..	..	..	..	..	115	..
926	Taperinha	2 30	54 20	21·5	1009·8	1012·0	+0·1	303·6	306·9	30th	295·7	294·7	9th	299·6	*298·6*	+0·6	304	+ 21
927	Turyassu	1 43	45 26	9·1	1010·6	1011·6	+0·4	303·0	305·3	31st	294·2	292·8	11th	298·6	*298·6*	+0·2	333	− 2
928	Barra do Corda	5 30	45 16	81·0	1003·0	1012·3	..	304·7	305·7	30th	293·2	290·5	24th	299·0	*298·2*	+0·5	3	− 65
929	ǂQuixeramobim	5 16	39 15	199	990·8	1013·5	+0·6	301·6	302·8	14th	296·3	295·0	28th	299·0	*299·3*	−0·3	44	−101
930	Fernando Noronha	3 50	32 25	106	1000·7	1012·6	−0·4	300·8	301·6	19th	296·9	294·5	27th	298·8	299·0	0·0	417	+144
934	Ascension Island	7 56	W. 14 25	16·8	1012·1	1014·0	−0·2	303·4	304·7	23rd,27th	297·0	295·2	10th	300·2	*299·7*	+0·6	4	− 15
939	Loanda	8 49	E. 13 13	59·3	..	1009·1	−2·8	302·8	305·1	2nd,3rd	295·9	293·3	28th	299·3	298·5	+1·2	18	+ 5
940	ǂBrazzaville	4 17	15 16	320	..	..	..	304·8	307·0	..	293·9	288·0	..	299·3	..	+0·1	170	+ 41
942	Tshibinda	2 19	28 45	2115	..	..	..	293·7	296·0	25th	284·9	282·4	30th	289·3	*289·9*	..	125	..
943	Masaka	0 20	31 44	1280	..	..	..	298·7	302·1	27th	289·2	288·1	7th,10th	293·9	*293·2*	..	157	+ 1
944	Nairobi (Kabete Obs.)	1 16	36 48	1820	821·7	1011·6	..	296·9	300·7	26th	285·9	282·4	31st	291·4	290·6	..	82	..
944a	Zanzibar (Chukwani Palace)	6 15	39 13	21	1011·7	1014·1	..	302·0	304·3	21st	297·1	294·6	7th	299·5	299·1	..	153	..
945	Afmadu	0 30	42 4	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
947	Seychelles, Port Office	4 37	55 27	4·6	1009·9	1010·3	−1·4	302·8	304·7	4th	298·1	295·8	29th	300·4	*299·6*	+0·2	123	− 31
957	Padang	0 56	100 22	6·7	..	1009·4	−0·6	303·9	305·4	27th	297·1	295·7	19th	300·5	*299·9*	+0·1	499	+185
958	Batavia	6 11	106 50	8·0	1008·6	1009·5	+0·1	303·9	305·6	11th	297·2	296·0	6th	300·5	300·0	+0·4	179	+ 78
958a	Pontianak	0 1	109 20	2·6	..	1009·7	+0·2	305·3	306·7	30th	297·9	297·0	6th	301·6	*300·8*	+0·8	246	− 40
959	Pasoeroean	7 38	112 55	5·0	..	1009·4	−0·5	304·0	305·2	1st	296·9	295·4	6th	300·5	*300·2*	+0·7	96	+ 3
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	156	+ 9
962	Amboina	3 42	128 10	4·2	..	1009·6	+0·2	302·4	303·7	7th	297·4	296·2	12th	299·9	299·5	+0·5	572	+ 56
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	237	+ 35
965	Daru	9 4	143 13	7·6	..	..	..	303·6	..	..	..	..	..	..	..	..	237	− 90
966	Port Moresby	9 29	147 9	38·4	..	1009·4	−0·9	303·1	..	..	296·8	..	..	300·2	299·7	+0·7	156	+102
967	Rabaul	4 9	152 12	12·5	1007·2	1008·6	−0·2	305·6	306·7	23rd,27th	296·3	295·1	4th	300·9	*300·3*	+0·2	64	− 82
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	?303·5	?306·3	25th	?296·3	?296·3	1,3,4	?300·5	*?300·2*	−0·1	179	− 19
970	Ocean Island	0 52	169 35	42·6	1005·1	1009·9	−0·4	304·6	305·8	Sev.dates	298·8	297·4	6th	301·7	*301·0*	+0·6	32	− 91
972	Funafuti, Ellice Is.	8 30	179 13	2·4	1009·6	1009·9	..	304·2	305·2	10,13,19	298·8	296·3	26th	301·5	*301·1*	..	176	..

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

ǂChange of normals, see Table of Authorities, pages 105-15.

$Number of observations.

††Mean latitude and longitude of the observations.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

MAY - ZONE 10

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1001	Vavau	18 39	173 59	9·1	1012·8	1013·9	..	301·3	303·9	8th	295·7	293·5	3rd	298·5	*298·1*	..	121	..
1002	Apia, Samoa	13 48	171 46	2·0	..	1011·4	+0·5	303·1	304·3	11th	296·7	295·1	4th	299·9	299·5	+0·2	94	−60
1003	Alofi, Niue Is.	19 2	169 55	19·8	..	1015·2	+0·9	302·2	304·7	29th,30th	293·9	289·7	4th	298·1	*297·8*	+0·6	188	+66
1004	Pukapuka, Danger Is.	10 53	165 54	2·1	..	..	..	304·2	305·5	7th	299·1	295·2	12th	301·7	*301·3*	..	76	..
1005	Aitutaki, Cook Is.	18 53	159 46	3·0	..	..	..	302·4	304·7	1st	294·7	290·2	5th	298·6	*298·1*	..	..	..
1007	Papeete (Hamuta)	17 32	149 33	5·0	1013·1	1013·6	..	304·3	306·7	13th	294·6	292·2	28th	299·5	*298·9*	..	62	..
1021	Lima	12 5	77 3	111	1001·5	1014·6	..	296·5	299·7	2nd	287·2	284·9	23rd	291·9	290·4	..	1	..
1022	Arica	18 28	70 20	29	1012·1	1015·5	..	294·6	296·0	Sev.dates	287·3	284·0	27th,28th	290·9	*290·7*	−0·1	0	0
1024	La Paz, Bolivia	16 30	68 8	3658	659·0	..	+0·3	290·7	295·1	4th	275·0	272·0	16th	282·9	*281·4*	−0·3	13	+ 1
1025	ǂCorumba	18 59	57 39	116	1000·0	1013·1	+0·8	302·8	306·6	20th	291·7	286·8	16th	297·2	*296·5*	+1·6	5	−68
1026	Cuyaba	15 36	56 6	165	994·2	1012·8	+0·9	304·9	308·4	20th	292·4	288·5	14th	298·6	*297·5*	+0·3	2	−47
1027	Bello Horizonte	19 56	43 57	895	917·7	1017·5	+1·1	298·6	302·6	7th	286·6	280·6	24th	292·6	*291·7*	0·0	1	−13
1028	Caetite	14 3	42 37	897	917·8	1017·5	+1·3	296·7	302·9	8th	287·2	283·7	29th	292·0	*291·9*	−2·4	3	−11
1029	ǂOndina (Bahia)	13 0	38 31	64	1009·0	1016·4	+1·6	299·5	302·1	7th	295·2	293·5	23rd,27th	297·4	*297·0*	−0·9	217	−67
1030	ǂAracaju	10 55	37 3	6·1	1014·3	1015·1	−0·1	300·7	301·7	6th	294·8	292·4	29th	297·8	*297·8*	−0·5	211	−18
1035	ǂSt. Helena	15 57	W. 5 40	604	947·7	1016·9	0·0	292·3	294·1	13th	288·3	287·4	Sev.dates	290·3	*290·3*	+0·5	21	−47
1039	Mossamedes	15 12	E. 12 9	12·5	1012·0	1013·5	..	298·1	302·8	15th	288·9	284·8	25th,26th	293·5	..	..	0	0
1041	Livingstone	17 50	25 49	972	910·3	1018·1	..	300·7	304·1	3rd	283·5	276·4	27th	292·1	..	−0·3	0	− 5
1041a	Elisabethville	11 40	27 29	1230	878·5	1012·3	−0·1	300·7	303·7	25th	281·2	278·1	23rd	290·9	..	−0·7	0	− 5
1042	Gwelo	19 26	29 45	1411	866·1	1020·1	..	296·6	299·7	2,17,19	281·0	273·6	26th	288·8	..	0·0	0	− 8
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	856·7	1018·5	+0·4	296·6	299·2	3rd	280·7	276·8	31st	288·7	288·2	−0·2	0	−12
1044	Zomba	15 23	35 18	921	913·8	1015·1	0·0	298·7	304·7	5th	286·1	283·0	20,23,28	292·4	*291·7*	+0·6	2	−24
1045	Mossuril	14 57	40 40	15	..	1016·1	0·0	302·2	304·0	17th	292·5	286·3	25th	297·3	297·2	−0·2	49	+16
1046	Antananarivo	18 55	47 33	1375	866·6	1016·4	+0·1	295·7	297·8	18th	285·4	282·6	27th	290·5	289·1	−0·2	19	+ 5
1046a	Tamatave	18 9	49 22	7	..	1017·0	..	299·6	302·9	27th	293·3	291·5	27th	296·5	*296·1*	..	194	..
1047	Vohemar	13 24	50 2	2	..	1014·7	..	302·2	303·5	2nd,3rd	294·6	293·0	27th,31st	298·4	*297·9*	..	29	..
1048	Antalaha	14 53	50 15	4	..	1016·3	..	302·4	304·5	14th	293·4	291·0	29th,31st	297·9	297·3	..	139	..
1055	Cocos, Keeling Is.	12 5	96 53	4·6	..	..	..	302·2	303·5	15th	298·4	296·1	26th	300·3	*300·0*	+0·1	255	+62
1057	Christmas Island	10 25	105 43	5·5	1007·5	1008·2	−0·1	303·2	304·7	4,9,11	297·6	296·9	Sev.dates	300·4	*300·0*	−0·1	279	+65
1061	Koepang	10 10	123 34	45·1	..	1010·2	−0·4	305·5	307·0	23rd	295·7	294·3	31st	300·6	*299·6*	+0·4	13	−15
1061a	Derby	17 18	123 40	16·2	1010·9	1012·7	−1·0	304·7	308·9	2nd	294·7	291·4	29th	299·7	..	+1·3	40	+24
1062	Hall's Creek	18 13	127 46	373	971·9	1013·6	−1·4	303·7	306·3	12th	289·3	284·1	7th,8th	296·5	*295·9*	+1·9	1	− 8
1063	Darwin	12 28	130 51	29·6	1008·5	1011·9	+1·0	305·6	307·6	13th	296·3	294·2	6th	301·0	*299·8*	+0·4	38	+21
1064	Daly Waters	16 16	133 23	211	988·1	1011·7	−1·4	305·9	309·7	25,26,27	290·8	285·8	7th	298·4	*297·8*	+1·8	26	+22
1065	Palmerville	15 56	144 8	210	988·1	1011·6	−0·4	305·4	308·1	27th	290·8	287·2	6th	298·1	..	+1·0	25	+11
1066	Georgetown, Queensland	18 22	143 32	302	979·6	1013·0	−1·2	304·3	308·0	27th	288·9	283·0	20,22,24	296·6	..	+1·1	4	− 6
1066a	Willis Island	16 18	149 59	8·5	1011·2	1012·2	−0·6	300·7	302·9	7th	296·3	293·8	17th	298·5	*298·7*	+0·1	41	−24
1067	Samarai	10 37	150 40	6·1	..	1012·4	+1·6	303·1	..	..	296·3	..	..	299·7	*299·4*	+0·5	279	−45
1070	Vila, New Hebrides	17 44	168 19	57·0	..	..	..	299·4	302·0	6th	292·3	288·0	10th	295·8	*295·3*	..	137	..
1071	Rotuma, Fiji	12 30	177 0	27·4	1007·7	1010·9	..	302·8	303·6	Sev.dates	296·8	295·2	18th	299·8	*299·5*	..	284	..
1072	Suva, Fiji	18 8 S.	178 26 E.	3·7	1012·7	1013·1	+0·5	300·6	303·0	26th	295·2	293·0	22nd	297·9	*297·6*	+0·2	267	+11

BETWEEN LATITUDE 20° S. AND 30° S.

MAY - ZONE 11 (AMERICA, AFRICA)

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1101	Nukualofa, Tonga	21 8	175 12	3·0	1015·1	1015·4	..	299·8	301·9	4th	292·1	286·3	20th	295·9	*295·4*	..	120	..
1105	Rarotonga (Avarua)	21 12	159 46	6·1	..	..	..	299·9	301·9	11th	294·2	290·2	21st,22nd	297·1	*296·8*	+0·9	66	−71
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1014·3	1017·1	+0·5	289·0	291·2	22nd	284·6	283·0	18th	286·8	*286·6*	−0·2	14	−12
1122	Antofagasta	23 42	70 24	94	1005·1	1016·3	−0·4	291·6	292·5	Sev.dates	285·5	282·5	31st	288·5	*288·3*	−0·8	0	− 1
1123	Catamarca	28 29	65 47	528	953·8	1014·4	+1·0	296·8	304·0	15th	284·2	277·0	30th	290·5	289·8	+0·9	0	−13
1124	Salta	24 46	65 24	1173	884·2	1014·5	+0·8	293·7	298·8	24th	281·4	275·0	5th	287·6	287·0	−0·4	0	− 9
1125	Goya	29 9	59 15	37	1012·0	1016·4	+0·6	299·0	304·5	24th	286·8	282·5	7th	292·9	291·7	+2·4	25	−44
1126	Asuncion	25 17	57 41	139	1003·0	1019·2	+3·8	299·5	306·1	19th	290·1	284·5	30th	294·8	*294·2*	+2·3	61	−62
1127	Curityba	25 25	49 17	908	917·1	1020·2	+1·6	293·3	298·2	19th	283·1	276·4	28th	288·2	*287·4*	+0·6	25	−79
1128	Rio de Janeiro	22 54	W. 43 10	18·3	1016·7	1018·8	+2·0	297·5	302·2	20th	291·6	288·9	26th	294·6	294·2	−0·6	31	−50
1139	Windhoek	22 34	E. 17 6	1727	833·4	1018·4	..	295·6	299·7	3rd	282·5	271·4	26th	289·0	*288·0*	+0·3	0	− 8
1140	ǂO'Okiep	29 36	17 52	933	914·2	1019·9	+2·0	295·0	304·1	5th	280·7	272·6	25th	287·9	*287·2*	−0·2	11	−13
1141	Kimberley	28 44	24 46	1218	884·8	1019·8	+0·6	296·8	302·7	4th	281·3	271·9	25th	289·1	288·6	+2·7	1	−18
1141a	Johannesburg	26 11	28 4	1806	826·9	1020·5	+0·9	292·9	298·5	5th	282·0	269·1	25th	287·4	*287·0*	+2·0	3	−16
1142	Bulawayo	20 9	28 35	1349	871·7	1019·5	+1·0	296·8	300·0	2nd	281·7	274·2	26th	289·2	288·8	0·0	0	− 9
1143	Durban	29 52	31 3	15·2	1018·0	1019·8	−0·8	297·0	300·1	6th	290·0	285·2	30th	293·5	292·9	+1·0	53	+ 5
1144	Lourenço Marques	25 58	32 36	59·5	..	1019·9	0·0	301·1	309·4	17th	289·6	283·0	26th	295·3	294·5	+1·2	4	−26
1145	Tulear	23 20	43 40	6	..	1016·8	..	301·4	305·0	9th	288·0	284·0	25th	294·7	..	..	0	..
1146	Fort Dauphin	25 1	46 58	14	..	1019·3	..	297·6	299·3	26th	291·8	287·9	31st	294·7	*294·3*	..	43	..
1147	Mauritius	20 6 S.	57 33 E.	55·2	1008·9	1015·3	−1·0	299·5	301·1

MAY - ZONE 11 (AUSTRALIA)

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1012·5	1013·0	−1·2	300·7	305·6	1st	288·7	284·1	25th	294·7	..	−0·5	47	+ 9
1160	Cue	27 27	117 52	454	965·1	1017·1	−0·2	295·7	303·0	8th	284·0	279·7	13th	289·9	..	−0·2	60	+32
1161	Nullagine	21 53	120 5	386	972·1	1016·0	+0·6	298·7	306·3	10th	285·7	279·1	30th,31st	292·2	..	−0·8	37	+20
1162	Laverton	28 40	122 23	466	963·8	1017·4	−1·5	295·0	303·0	8th,9th	281·3	273·6	29th	288·2	*288·1*	−0·5	21	− 6
1163	Alice Springs	23 38	133 35	579	950·5	1016·3	−1·6	295·4	302·7	12th	282·4	278·0	30th	288·9	*288·8*	+0·6	6	−10
1164	William Creek	28 55	136 21	76·2	1009·6	1018·6	−1·6	295·1	301·3	10th	281·9	278·0	26th,31st	288·5	*288·2*	+0·3	12	+ 2
1164a	Boulia	22 55	139 38	146	998·0	1015·0	−0·7	299·4	304·8	13th	286·0	280·8	31st	292·7	*292·6*	+0·4	6	− 4
1165	Thargomindah	27 58	143 43	123	1002·5	1017·0	−1·1	296·1	302·9	9th	282·9	278·4	28th	289·5	*289·3*	0·0	12	− 9
1166	Mitchell	26 32	147 52	336	978·4	1017·7	−0·2	295·5	298·9	7th	279·4	273·8	29th	287·4	..	−0·2	17	−17
1167	Rockhampton	23 24	150 30	11·3	1014·1	1015·4	−2·0	300·5	304·0	1st	288·6	284·2	18th	294·6	*293·8*	+1·3	12	−26
1168	Brisbane	27 28	153 2	41·8	1012·4	1016·8	−1·8	296·9	299·3	1st	286·1	280·8	29th	291·5	*291·1*	+0·4	14	−57
1170	Norfolk Island	29 4	167 59	14·9	1017·0	1018·8	+1·2	294·2	296·6	1st	289·9	287·7	11th	292·1	*291·7*	+0·5	103	−36
		S.	E.															

MAY - ZONE 12 — BETWEEN LATITUDE 30° S. AND 40° S.

1221	Juan Fernandez	33 37	78 52	6	1017·8	1018·5	+0·1	290·7	294·5	9th	284·7	279·6	25th	287·7	*287·4*	−0·8	96	−57
1221a	Punta Tumbes	36 37	73 6	120	1002·1	1016·7	+0·8	286·2	289·5	11th	281·9	277·5	25th	284·1	*283·8*	−0·8	109	+10
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1012·3	1017·3	+0·8	289·8	296·4	3rd	283·1	280·5	25th,28th	286·5	*285·8*	0·0	28	−78
1222a	Santiago	33 27	70 42	520	956·4	1017·6	+0·7	289·3	297·1	11th	279·8	273·0	28th	284·5	*283·7*	−0·2	66	+ 1
1223	Cordoba	31 25	64 12	423	966·6	1016·0	+0·6	294·4	301·8	22nd	280·8	271·4	30th	287·6	287·1	+0·9	4	−22
1224	Bahia Blanca	38 45	62 16	28·7	..	..	..	..	..	..	..	..	..	..	..	..	32	+ 3
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1014·2	1017·2	+0·4	292·8	302·7	23rd	284·7	276·1	30th	288·8	288·6	+2·8	118	+45
1226	Montevideo (Prado)	34 52	56 12	24·9	..	1019·0	+2·3	293·6	302·7	23rd	285·8	277·1	31st	289·7	289·4	+3·0	155	+55
1226a	Porto Alegre	30 2	W. 51 13	23·5	1015·3	1018·1	+0·6	296·6	301·5	24th	287·6	284·3	16th	292·1	291·5	+1·6	121	+20
1239	Cape Town	33 56	E. 18 29	12·2	..	1019·8	+1·9	292·8	301·0	10th	282·6	276·7	27th	287·7	*286·2*	−0·2	50	−45
1240	Klaver	31 47	18 37	41·8	1016·5	1021·5	+0·8	296·1	306·6	10th	282·1	276·0	25th	289·1	..	−1·5	12	− 7
1241	Riversdale	34 6	21 16	105	1007·7	1020·3	..	295·2	306·9	1st	280·0	272·7	25th	287·6	..	−0·4	60	+21
1242	ǂEast London	33 1	27 54	45·4	1013·4	1018·8	+1·5	295·8	310·1	11th	285·4	280·8	27th	290·6	..	+0·8	35	− 9
1259	Perth (Observatory)	31 57	115 51	60·0	1008·9	1016·0	−2·4	293·7	303·6	5th	284·5	280·2	29th	289·1	*289·1*	+0·2	119	− 9
1260	Katanning	33 42	117 35	310	979·0	1014·2	−3·7	291·4	300·8	4th,5th	281·1	275·2	30th	286·2	..	+0·3	60	0
1261	Coolgardie	30 57	121 10	423	967·5	1016·4	−2·5	293·3	300·8	9th	282·0	276·9	29th	287·7	*287·6*	+0·4	45	+12
1262	Eucla	31 43	128 58	4·6	1016·0	1016·6	−2·4	294·1	303·0	9th,10th	283·3	279·1	15th	288·7	*288·3*	−0·2	46	+13
1263	Streaky Bay	32 48	134 13	13·1	1016·4	1017·8	−2·6	292·1	300·4	10th	284·2	279·6	21st	288·2	*287·7*	+0·1	81	+32
1264	Adelaide	34 56	138 35	42·7	1012·2	1017·4	−2·8	291·4	297·3	8th,11th	283·5	278·9	22nd	287·4	*287·2*	0·0	137	+68
1265	ǂMelbourne	37 49	144 58	35·1	1011·9	1016·1	−3·1	289·2	293·9	8th	281·2	276·5	24th	285·2	*284·9*	0·0	38	−15
1266	Bourke	30 13	145 58	110	1006·9	1020·0	−0·7	294·3	300·8	12th	281·4	276·3	28th	287·9	..	−0·6	10	−16
1267	ǂSydney	33 51	151 13	42·1	1010·5	1015·4	−3·1	292·7	298·1	1st	284·2	280·2	29th	288·4	*287·8*	+0·4	150	+22
1268	Lord Howe Island	31 20	159 0	4·9	1013·6	1014·2	−3·2	294·6	296·6	19th	289·3	284·9	13th	291·9	..	+0·7	204	+63
1271	Auckland	36 51	174 48	40·8	..	1013·4	−2·4	289·9	293·8	24th	284·5	279·4	19th	287·2	..	+0·5	163	+43
1272	Napier	39 29	176 55	1·5	..	..	..	288·9	296·2	17th	280·2	272·8	13th	284·6	..	−0·7	183	+86
		S.	E.															

MAY - ZONE 13 — BETWEEN LATITUDE 40° S. AND 50° S.

1301	Chatham Island	43 57	W. 176 31	45·7	1001·8	1007·3	−1·8	..	..	..	..	..	..	..	..	..	56	−41
1321	Isla Guafo	43 34	74 45	140	997·7	1014·7	+0·8	283·3	286·0	9th	280·0	274·0	25th	281·7	*281·7*	−0·3	139	+21
1322	Punta Galera	40 1	73 44	40	1011·7	1016·6	+1·4	285·7	288·7	11th	281·1	274·5	25th,29th	283·4	*283·3*	−0·3	185	−96
1323	Sarmiento	45 33	69 1	272	979·9	1012·8	+2·2	285·9	293·4	12th	274·6	261·0	26th,27th	280·2	280·6	+0·9	0	−18
1324	Puerto Madryn	42 46	W. 65 2	14	1013·7	1015·4	+3·3	289·9	299·4	10th	279·2	268·9	26th	284·6	284·6	+1·2	43	+22
1365	Launceston	41 27	E. 147 10	81·1	1003·5	1013·3	−2·7	287·7	292·4	6th	278·3	273·0	31st	283·0	*282·4*	+0·3	57	..
1366	ǂHobart	42 53	147 20	53·9	1005·4	1011·9	−3·4	286·6	290·3	13th	279·9	275·9	7th	283·3	*282·7*	−0·3	43	− 4
1369	Invercargill	46 25	168 21	3·7	..	..	..	283·7	292·4	16th	276·4	271·3	31st	280·1	..	−0·7	124	+13
1370	Alexandra	45 15	169 24	159	..	..	..	283·4	295·2	15th	274·8	268·8	20th	279·1	279·2	..	24	..
1371	Dunedin	45 52	170 31	6·1	..	1010·1	−3·9	284·0	294·5	15th	277·4	274·1	31st	280·7	..	−0·7	98	+15
1371a	Christchurch	43 32	172 39	7·6	..	1010·4	−3·3	285·2	294·8	16th	277·0	271·3	18th	281·1	..	−0·7	83	+18
1372	Wellington	41 16	174 46	127	995·1	1010·5	−3·9	286·2	289·9	15th	280·6	275·7	20th	283·4	282·9	−1·2	148	+29
		S.	E.															

MAY - ZONE 14 — BETWEEN LATITUDE 50° S. AND 60° S.

1421	Islota de los Evangelistas	52 24	W. 75 6	55	994·8	1001·5	−0·4	281·5	284·1	1st	280·2	278·0	Sev.dates	280·9	*280·9*	+2·4	183	−45
1422	Magallanes	53 10	70 54	8	1000·8	1001·8	−0·3	280·4	285·4	12th	274·4	268·6	24th	277·4	*277·4*	+0·4	27	−17
1423	Punta Dungeness	52 24	68 26	5	1001·6	1002·2	+0·7	281·1	285·5	12th	276·4	272·4	20th	278·7	*278·4*	+0·6	0	−20
1424	Santa Cruz	50 1	68 31	13	1006·5	1008·1	+3·1	282·7	297·0	12th	273·5	264·2	29th	278·1	278·2	+0·1	32	+18
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1006·0	+3·2	280·6	285·2	4th	275·2	269·7	25th	277·9	..	+0·8	26	−38
1426	Cape Pembroke	51 41	57 42	21·3	1002·5	1005·1	+3·8	280·8	284·7	4th	275·9	271·3	25th	278·3	278·6	+0·9	..	..
1429	S. Georgia (Cumberland Bay)	54 16	36 30	4	997·5	998·0	+2·6	278·1	286·7	10th	271·5	262·8	30th	274·8	*274·5*	+1·4	175	+41
		S.	W.															

MAY - ZONE 15 — BETWEEN LATITUDE 60° S. AND 70° S.

1527	South Orkneys	S. 60 43 ° ′	W. 44 47 ° ′	7 metres	989·7 mb.	990·6 mb.	−2·1 mb.	270·4 °A.	276·8 °A.	9th	263·0 °A.	243·6 °A.	28th	266·7 °A.	266·7 °A.	+0·7 °A.	57 mm.	+24 mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

ǂChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE
FOR THE MONTH OF JUNE 1933
BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 90° N. AND 80° N. — JUNE - ZONE 0

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
047	Calm Bay	80 20	52 48	5·9	1009·6	1010·4	..	..	278·1	..	..	264·5	..	..	*270·6*	..	2	..

BETWEEN LATITUDE 80° N. AND 70° N. — JUNE - ZONE 1

101	Wrangel Insel	N. 70 58	W. 178 33	3·0	1011·2	1011·6	−1·5	274·3	281·8	..	270·2	264·2	..	272·3	*272·1*	−1·4	7	− 5
105	Barrow	71 23	156 17	4·6	..	1012·2	−3·4	275·1	285·8	29th	269·7	259·7	4th	272·4	..	−1·9	18	+ 11
121	Pond Inlet	72 43	78 30	4·0	..	1011·5	..	274·3	285·2	30th	269·6	264·1	4th	271·9	*272·3*	−3·5	..	..
125	Upernivik	72 47	56 7	19·2	1008·8	1011·2	−0·8	278·0	285·5	25th	272·9	270·5	18th	275·5	*274·9*	+0·2	13	0
131	Myggbukta	73 29	21 34	3·2	..	1010·6	..	..	288·6	25th	272·4	268·5	1st	..	*274·9*	..	27	..
132	Scoresbysund	70 29	21 58	16·9	1007·2	1009·3	−5·7	279·3	285·0	22nd	273·2	268·5	3rd	276·3	*276·5*	+0·7	..	..
135	Jan Mayen	70 59	W. 8 18	23·1	1008·2	1011·0	−2·3	..	281·2	17th	275·4	272·7	1st	..	*277·3*	+1·6	44	+ 29
139	Svalbard Radio	78 13	E. 15 38	53·0	1004·5	1011·1	−1·8	..	282·0	30th	274·0	267·1	1st	..	*276·0*	..	9	..
140	Bjornoen	74 28	19 17	29·2	1009·1	1012·8	+0·5	..	282·3	24th	274·3	269·4	2nd	..	*276·4*	+1·7	16	− 4
141	Ingoy	71 4	24 9	4·3	1014·9	1015·4	+3·8	..	291·4	20th	278·9	273·3	1st	..	*281·2*	+1·7	6	− 29
142	Sletnes	71 5	28 14	10·2	1014·5	1015·7	+3·4	..	287·8	20th	277·3	272·2	1st	..	*279·8*	..	9	..
143	Vardö	70 22	31 6	12·1	1014·8	1016·3	+3·1	..	288·8	7th	276·9	272·4	3rd	..	*279·3*	+0·6	11	− 28
147	Malye Karmakouly	72 23	52 44	15·3	1011·4	1013·3	+1·9	..	288·3	..	..	268·1	..	..	*273·3*	−0·7	15	− 3
148	Vaigatch	70 24	58 48	11·2	1010·6	1012·0	+0·6	274·5	284·0	..	270·4	266·2	..	272·5	*272·3*	−1·6	6	− 13
149	Russian Harbour	76 14	62 39	9·3	1010·2	1011·4	..	..	282·8	..	..	263·2	..	..	*271·7*	..	11	..
150	Cape of Desire (Zhelanya)	76 57	68 34	8·0	1008·2	1009·2	..	..	280·3	..	..	263·9	..	..	*270·3*	..	14	..
153	Dikson	73 30	80 23	13·0	1003·2	1004·9	−5·5	272·4	277·2	..	269·6	266·1	..	271·0	*270·7*	−1·9	9	− 7
162	Bulun	70 45	127 47	35	1003·4	1007·7	−0·8	..	302·3	..	..	270·1	..	..	*281·8*	+1·3	..	..
165	Great Liakhov Is. (Cape Shalaurov)	73 11	143 14	7	1007·2	1008·1	..	..	281·1	..	..	264·8	..	..	*273·0*	..	3	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N. — JUNE - ZONE 2

201	Cape Otto Schmidt	N. 68 55	W. 179 30	7·0	..	..	..	276·9	287·8	..	271·7	264·8	..	274·3	*274·0*	..	9	..
202	Savoonga	63 43	170 20	5·5	..	..	..	..	..	..	272·1	268·0	1st,2nd	..	..	..	19	..
203	Nome	64 30	165 24	6·7	1011·8	1012·5	0·0	282·0	291·9	21st	274·7	267·4	1st	278·3	*277·6*	−1·9	7	− 25
204	Bethel	60 45	161 47	11·6	..	1013·9	+2·0	285·5	292·4	19th	277·2	270·8	1,6,10	281·3	..	−2·9	13	− 20
205	Tanana	65 10	152 6	69·5	1004·0	1011·8	+0·3	291·3	301·3	25th	276·4	268·0	1st	283·9	*283·8*	−2·9	33	+ 2
206	Rampart	65 30	150 15	114	..	..	..	289·0	300·2	22nd,23rd	276·6	268·6	1st	282·8	..	−4·6	34	+ 9
206a	Holy Cross	62 16	159 50	15·2	..	..	..	289·5	296·9	24th	278·3	271·9	1st	283·9	..	−1·2	28	− 6
207	Cordova	61 31	145 36	13·1	..	1010·5	−2·9	288·7	295·2	16th	279·2	273·6	2nd	283·9	..	+0·1	249	+112
208	Fairbanks	64 51	147 39	138	993·5	1010·8	..	291·4	303·6	22nd	278·7	273·0	1st	285·1	*284·8*	−2·5	39	+ 5
209	Dawson	64 4	139 29	324	972·1	1010·5	..	291·8	303·0	22nd,23rd	276·7	270·8	5,6,7	284·3	*284·1*	−2·5	17	− 14
210	Aklavik	68 14	134 50	7·6	1010·8	1011·7	..	285·1	299·1	27th	275·7	266·3	1st	280·4	*280·2*	..	18	..
211	Fort Good Hope	66 15	128 38	65·2	1005·3	1013·2	..	290·3	303·6	27th	277·6	269·7	1st	283·9	*285·1*	−1·3	44	+ 25
212	Fort Simpson	61 52	121 15	126	993·9	1009·0	..	291·6	300·8	22nd	279·4	271·3	5th	285·5	*285·1*	−0·6	13	− 28
213	Hay River	60 51	115 57	161	990·7	1010·1	..	287·2	298·0	29th,30th	277·0	268·6	6th	282·1	*282·4*	−0·9	8	− 21
214	Coppermine	67 49	115 10	4·6	1011·7	1012·3	..	278·6	300·2	29th	271·3	263·6	4th	274·9	*274·9*	..	9	..
218	Chesterfield	63 45	91 50	4·0	1011·2	1011·7	..	276·6	288·6	30th	271·6	266·3	7th,9th	274·1	*274·1*	−1·7	14	..
221	Nottingham Island	63 7	77 56	16·5	1009·5	1011·5	..	276·1	281·9	15th	271·4	268·6	9th,13th	273·8	*273·9*	..	27	..
223	Hope's Advance	61 5	69 33	73·2	999·2	1008·4	..	276·2	283·6	15th	271·2	268·0	19th	273·7	*273·8*	..	38	..
224	Resolution Island	61 18	64 53	38·7	1003·2	1008·1	..	275·1	278·6	13th,16th	270·7	268·6	3rd,8th	272·9	*272·8*	..	19	..
225	Jacobshavn	69 13	51 2	31·6	1003·9	1007·8	−3·2	279·7	288·1	24th	274·8	272·3	18th	277·3	*277·6*	−0·1	9	− 12
226	Godthaab	64 10	51 43	20	..	..	..	282·3	289·6	3rd	273·4	270·7	20th	277·9	*277·9*	+0·5	43	+ 10
227	Ivigtut	61 12	48 10	30·0	1003·6	1007·3	−2·3	285·1	291·2	3rd	276·7	273·4	6th,8th	280·9	*281·2*	+0·1	86	+ 9
229	Angmagsalik	65 36	37 33	29·3	1004·2	1007·8	−5·2	282·6	289·0	23rd	275·9	272·6	19th	279·3	*278·9*	+1·0	80	+ 31
231	Stykkisholm	65 5	22 46	25	..	1008·0	−3·2	286·7	292·0	10th	280·5	276·8	17th	283·6	*282·9*	+2·1	57	+ 18
232	Vestmanno	63 24	20 17	122	..	1008·3	−3·7	284·3	290·0	18th,24th	280·6	276·1	17th	282·5	*282·7*	+1·3	114	+ 31
233	Grimsey	66 33	18 1	22	..	1007·8	−4·8	283·3	288·0	6th	279·2	276·3	16th	281·3	*281·0*	+2·5	62	+ 44
233a	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	61	..
234	Teigarhorn	64 41	14 22	18	..	1008·7	−3·6	288·8	295·1	30th	280·5	277·4	25th	284·7	*283·5*	+3·2	188	+123
235	Hójvig	62 3	6 45	22·9	1008·8	1011·6	−2·4	286·3	290·5	7th	282·0	279·9	11th	284·1	*284·1*	+2·0	36	− 32
236	Lerwick	60 9	W. 1 8	48·8	..	1012·1	−1·9	287·2	292·4	24th	282·9	280·2	11th	285·1	*284·9*	+2·7	24	− 21
237	Bergen, Fredriksberg	60 24	E. 5 19	44·4	1005·9	1011·1	−2·3	295·7	301·8	24th	286·0	281·5	1st	290·9	*290·0*	+5·1	25	− 64
238	Ona	62 52	6 33	14·6	1011·2	1013·0	−1·1	..	296·1	20th	283·5	279·4	2nd	..	*285·4*	+2·5	11	− 28
239	Trondheim	63 26	10 25	59·2	1006·3	1013·3	−0·7	294·2	302·5	23rd	284·3	277·0	1st	289·3	*289·0*	+4·0	7	− 36
240	Bodo	67 17	14 26	17·0	1013·0	1015·0	+1·5	..	298·8	20th	281·4	274·0	3rd	..	*285·9*	+3·1	19	− 34
241	Haparanda	65 50	24 9	9·2	1013·4	1014·5	+3·4	291·8	301·0	18th,19th	282·0	273·5	3rd	286·9	*286·8*	+2·3	12	− 25
242	Helsingfors	60 10	24 57	11·7	1010·6	1012·0	−0·4	293·7	299·9	11th	283·8	277·1	3rd	288·7	*289·1*	+2·3	8	− 38
242a	Kuopio	62 55	27 40	233	985·1	1012·7	+1·3	292·4	299·4	17th	282·8	274·4	3rd	287·6	*287·2*	+0·8	68	+ 10
		N.	E.															

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

JUNE - ZONE 2 cont. TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 70° N. AND 60° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° N.	° E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
243	Kola	68 53	33 1	6·7	1014·0	1014·8	+2·0	288·6	296·5	17th	278·7	273·1	2nd	283·6	*283·7*	+1·9	52	+22
244	Petrozavodsk	61 47	34 23	79·0	..	..	..	292·4	300·8	9th	282·3	275·8	4th	287·4	*287·0*	+0·8	56	− 2
245	Arkhangelsk	64 34	40 31	6·3	1013·2	1014·0	+2·0	291·8	297·7	30th	280·6	273·6	3rd	286·2	*285·5*	+0·6	46	+ 1
246	Mezen	65 50	44 16	17·4	1012·6	1014·7	+2·6	288·1	297·4	30th	276·1	270·7	20th	282·1	*282·3*	−0·5	24	−18
247	Oust-Tsylma	65 25	52 18	73·8	1003·9	1013·0	+1·4	287·6	298·6	27th	277·0	271·6	4th	282·3	*281·5*	−2·0	66	+19
248	Tcherdyn	60 24	56 31	208	986·4	1011·0	+1·1	292·7	304·3	30th	281·4	273·0	20th	287·0	*287·0*	−0·2	29	−23
249	Berezov	63 56	65 4	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249a	Yugor Strait	69 49	60 45	13·0	1009·8	1011·4	−0·1	275·0	286·8	..	270·7	266·8	..	272·9	*273·1*	−1·7	6	−14
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	..	..	..	..	..	..	..	..	..	..	..	..	..	..
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Viliouisk	63 45	121 35	120	992·8	1007·0	..	294·6	303·5	24th	281·4	271·6	10th	288·0	*288·2*	+0·6	17	−14
262	Iakoutsk	62 1	129 43	108	993·4	1006·0	+0·5	296·4	305·4	28th	281·5	274·5	11th	289·0	*289·7*	+1·1	14	−23
263	Verkhoiansk	67 33	133 24	100	988·4	1000·3	−3·3	293·1	305·8	25th	277·0	269·9	8th	285·5	*286·1*	+0·3	11	−13
264	Petropavlovskoe	60 25	134 28	?163	985·0	1004·7	..	296·4	305·7	28th	279·9	270·9	9th	288·2	*289·1*	..	32	..
268	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45	177 33	17·2	..	..	..	279·1	286·3	27th	273·9	268·5	2nd	276·5	*276·1*	−1·7	17	− 4
		N.	E.															

JUNE - ZONE 3 BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		N.	W.															
302	St. Paul Island	57 15	170 10	5·8	..	1012·2	+0·4	279·8	282·4	27,28,30	275·9	273·0	3rd,12th	277·9	..	0·0	27	−15
303	Dutch Harbor	53 55	166 30	4·0	1012·8	1013·2	+2·0	284·7	289·1	16th	277·9	274·7	2nd,5th	281·3	*280·9*	+0·5	28	−45
305	Dillingham	59 0	158 28	24·4	..	..	..	287·9	293·6	30th	277·0	272·4	6,8,10	282·4	..	−1·4	59	+ 9
306	Kodiak	57 48	152 22	4·6	1012·2	1012·8	−0·5	287·4	295·8	18th	278·9	274·7	1st,2nd	283·1	*282·9*	+0·1	37	−69
309	Sitka	57 3	135 19	4·6	..	..	..	287·3	294·1	22nd	278·9	274·1	9th	283·1	..	−0·7	118	+32
310	Prince Rupert	54 18	130 18	51·8	1009·5	1015·8	−0·6	286·9	290·2	11th,13th	279·8	275·8	7th	283·3	*283·4*	−1·5	160	+64
311	Prince George	53 50	122 48	570	946·3	1012·8	..	291·4	298·6	13th	277·6	271·3	11th	284·5	*284·3*	−1·8	103	+57
312	Kamloops	50 41	120 20	385	968·1	1012·8	−2·3	295·6	305·8	14th	283·1	275·8	1st	289·3	*289·3*	−1·6	26	− 7
313	Calgary	51 2	114 2	1079	887·1	1006·4	−3·6	295·6	306·3	14th,15th	280·5	274·7	11th	288·1	*288·1*	+1·6	28	−46
314	Fort Smith	60 0	111 52	207	985·1	1009·7	..	292·2	300·2	29th	277·4	269·7	11th,21st	284·8	*285·1*	−0·2	28	−18
315	Prince Albert	53 10	105 45	436	959·0	1009·6	−1·7	295·7	306·3	16th	283·5	275·2	12th	289·6	*288·7*	+2·0	56	−12
316	Qu'Appelle	50 31	103 56	654	935·0	1008·6	−2·7	297·6	309·7	15th	284·0	272·4	12th	290·8	*290·9*	+2·7	67	−21
317	Minnedosa	50 15	99 50	515	951·2	1009·9	−1·4	297·7	309·1	17th	284·5	273·6	12th	291·1	*291·4*	+2·7	68	−11
318	Berens River	52 18	97 2	219	..	..	..	297·0	307·4	17th	285·2	275·8	7th	291·1	..	+4·0	51	+ 7
318a	Churchill	58 46	94 13	13·1	1011·4	1013·0	..	281·6	295·2	19th	273·4	269·7	8th	277·5	*277·4*	..	69	..
319	Pagwa	50 3	85 18	189	..	..	..	..	..	..	..	..	..	..	..	..	..	..
320	Moose Factory	51 14	80 30	8·8	..	..	..	295·6	304·7	19th	275·9	266·3	1st	285·7	*285·9*	−0·1	..	..
320a	Moosonee	51 13	80 31	8·8	..	1012·8	..	290·4	303·6	19th	277·4	270·2	1st,14th	283·9	*283·7*	..	86	..
321	Fort George	53 50	79 5	97·5	..	..	..	283·9	299·7	19th	274·0	268·0	2nd	278·9	*279·0*	−2·8	104	..
322	Mistassini Post	50 30	73 55	383	..	..	..	290·8	300·2	9th	278·1	270·8	1st,2nd	284·4	..	−1·1	64	−12
323	Fort Chimo	58 10	68 10	15·2	1007·3	1009·1	..	283·5	290·8	18th	273·1	268·6	15th	278·3	*278·3*	−2·9	..	..
324	Natashkwan	50 14	61 48	6·1	..	..	..	287·5	293·6	4th	278·5	273·6	6th	283·0	..	+0·1	68	−10
326	Belle Isle	51 53	55 23	130	993·9	1010·0	−0·6	279·6	284·7	26th	274·0	271·3	5th	276·8	*276·7*	−1·3	75	−61
334	Valentia Observatory	51 56	10 15	13·7	1012·8	1014·4	−1·6	288·8	292·2	25th	284·6	283·1	3rd	286·7	286·7	−0·1	74	−14
335	Aberdeen	57 10	W. 2 6	26·0	1008·9	1012·0	−2·8	289·8	295·0	5th	283·0	277·9	12th	286·4	286·5	+2·0	22	−25
336	Greenwich	51 29	0 0	46·3	..	1011·5	−4·9	295·6	303·0	4th,5th	283·4	279·7	22nd	289·5	289·2	+1·2	39	−12
337	Uccle	50 48	E. 4 22	100	999·2	1011·1	−5·1	293·9	302·0	6th	283·4	278·2	1st	288·6	288·1	−0·3	97	+30
338	De Bilt	52 6	5 11	3·0	1010·2	1010·6	−5·3	294·1	301·5	6th	283·6	278·1	1st	288·9	288·5	+0·2	55	− 4
338a	Hamburg	53 33	9 58	40·3	1005·8	1010·6	−4·6	294·3	300·4	5th	284·7	280·3	4th	289·5	289·0	+0·5	61	− 8
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1010·3	1010·9	−3·3	293·9	297·6	11th	284·9	279·7	1st	289·4	289·7	+2·8	54	+ 3
340	Potsdam	52 23	13 4	84·9	999·6	1009·7	−5·3	294·6	299·7	17th	283·3	279·7	4th	288·9	288·5	−0·4	89	+30
340a	Uppsala	59 51	17 38	24	1009·6	1012·5	−0·3	295·0	299·9	14th	280·2	272·9	3rd	287·6	288·5	+1·4	25	−26
341	Warsaw	52 13	21 3	88·3	998·2	1008·7	−4·0	292·6	297·7	17th	283·9	277·7	4th	288·2	*288·4*	−0·7	73	+ 9
342	Tartu	58 23	26 43	80·8	1000·8	1010·4	−2·3	293·9	300·7	12th	282·8	274·8	4th	288·4	288·6	+0·6	6	−52
343	Leningrad	59 56	30 16	8·6	1010·4	1011·4	−1·1	293·1	300·4	18th	283·7	275·6	4th	288·4	*288·4*	+0·7	46	− 4
344	Moscow	55 50	37 33	167·2	988·8	1008·6	−3·6	292·6	298·3	10th	283·0	274·9	5th	287·8	*287·7*	−0·9	83	+25
345	Saratov	51 34	46 0	135	991·5	1007·2	−3·1	297.8	305·8	19th	286·1	277·1	5th	292·0	*290·8*	−0·1	43	..
346	Kazan	55 47	49 8	82·4	999·9	1009·6	−1·6	296·9	305·3	1st	285·1	279·2	11th	291·0	*290·7*	+0·3	47	−11
347	Orenburg	51 45	55 6	109	995·9	1008·6	−3·2	300·0	306·0	1st	285·9	276·8	12th	293·0	*292·6*	0·0	7	−36
348	Perm	58 1	56 16	159	991·1	1009·8	−1·0	296·9	307·0	30th	282·6	275·1	11th	289·8	*289·1*	+0·6	15	−52
349	Sverdlovsk	56 50	60 38	281	977·4	1010·5	+0·8	294·2	305·3	30th	281·7	272·1	11th	288·0	287·0	−0·8	85	+15
350	Tobolsk	58 12	68 14	108	999·1	1011·0	+0·1	293·6	306·3	30th	281·3	271·6	11th	287·4	*286·2*	−2·5	13	−48
351	Akmolinsk	51 12	71 23	347	967·6	1008·4	−2·7	298·0	308·6	23rd	282·3	274·3	12th	290·2	*289·8*	−1·0	34	−13
352	Omsk	55 1	73 19	108	997·1	1009·5	−0·7	295·0	304·8	21st	281·4	272·1	11th	288·2	*287·5*	−2·3	45	− 8
353	Barnaoul	53 20	83 47	158	990·2	1008·8	−0·9	296·8	306·1	25th	281·5	273·7	2nd	289·2	*288·6*	−1·5	35	− 8
354	Tomsk	56 30	84 58	123	994·8	1009·4	+0·3	291·5	300·1	7th	279·4	272·4	3rd	285·4	*284·9*	−3·1	53	−13
355	Minousinsk	53 43	91 41	249	979·2	1008·2	−1·0	296·3	307·2	25th	282·1	270·8	5th	289·2	*288·4*	−1·9	62	+12
356	Eniseisk	58 27	92 10	78	999·0	1008·4	+0·6	290·9	301·5	7th	278·2	269·1	4th	284·6	*284·3*	−3·8	37	−23
357	Irkutsk	52 16	104 19	467	954·0	1008·1	−0·7	295·0	303·6	21st	279·7	271·0	3rd	287·4	*286·6*	−0·9	112	+56
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	665	929·2	1004·6	0·0	295·4	302·4	22nd,23rd	280·9	272·1	4th	288·2	287·4	−1·3	83	−36
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															
		°	°	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.

TABLE REPRESENTING THE METEORCLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N. JUNE - ZONE 3 cont.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° N.	° E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
361	Tygan Ourkan	54 5	124 46	379	961·9	1005·6	−1·5	297·9	303·1	22nd	280·5	270·5	5th	289·2	*289·3*	+2·0	50	− 36
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	988·7	1005·2	+0·4	298·1	305·2	11th	286·2	277·5	7th	292·1	*291·4*	+1·0	134	+ 51
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	*278·3*	..	25	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1003·2	1008·3	0·0	292·0	303·1	28th	279·1	272·3	14th	285·6	*285·8*	+1·4	33	− 6
366	Okhotsk	59 21	143 17	5·5	1007·4	1008·1	−2·5	283·9	304·3	28th	275·8	271·8	12th	279·8	*279·0*	+0·3	58	+ 17
368	Petropavlovsk (Phare)	52 53	158 43	87·1	996·6	1007·2	−3·2	282·0	296·8	29th	276·5	273·1	4th	279·2	*276·8*	−2·9	67	+ 16
369	Kluchevskoye	56 21	160 48	23·5	1005·4	1008·2	..	..	..	..	278·0	271·8	2nd	..	*282·0*	..	26	..
370	Nikolskoe	55 12	165 59	6·8	1006·4	1007·2	..	..	..	..	275·3	271·7	5th	..	*276·4*	..	24	..
		N.	E.															

BETWEEN LATITUDE 50° N. AND 40° N. JUNE - ZONE 4

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		N.	W.															
411	Victoria, B.C.	48 24	123 19	69·5	1007·8	1016·2	0·0	290·4	299·7	12th	281·9	278·0	1st	286·2	*285·9*	−0·7	29	+ 8
412	Portland, Oregon	45 32	122 41	46·6	1011·5	1016·9	−0·4	294·9	305·8	12th	284·8	280·2	10th	289·8	*289·5*	+0·5	66	+ 25
413	Macleod	49 44	113 24	953	..	..	..	298·5	309·7	16th	282·7	276·3	11th	290·6	*290·8*	+2·7	20	− 51
414	Helena	46 34	112 4	1257	872·0	1010·8	−0·8	299·7	309·7	15th	284·3	279·1	6th	292·0	*291·8*	+3·4	19	− 40
414a	Salt Lake City	40 46	111 54	1328	864·9	1009·1	−0·6	304·3	308·0	21st	290·2	284·7	4th	297·2	*297·4*	+3·9	0	− 21
415	Cheyenne	41 8	104 48	1857	814·7	1011·8	+1·1	299·4	304·7	27th	284·9	278·6	8th	292·2	*292·4*	+2·9	26	− 12
416	North Platte	41 8	100 45	860	915·0	1011·5	−0·5	305·8	311·9	30th	290·2	284·1	13th	298·0	*297·2*	+4·6	32	− 48
416a	Bismarck	46 47	100 48	510	951·6	1010·5	−1·4	303·3	314·1	18th	288·6	280·8	13th	295·9	*295·7*	+4·9	50	− 35
417	Winnipeg	49 53	97 7	232	983·6	1010·4	..	299·5	309·1	17th	286·4	274·7	12th	292·9	*293·1*	+3·1	25	− 54
418	Duluth	46 47	92 6	345	971·9	1012·5	−0·7	297·2	308·0	19th	283·4	277·4	1st	290·3	*290·0*	+3·0	74	− 32
419	Port Arthur	48 27	89 12	196	989·8	1012·9	−0·5	294·8	303·6	27th	284·3	276·3	13th,14th	289·6	*289·2*	+2·8	51	− 19
420	Chicago	41 47	87 35	205	990·5	1014·9	+0·3	302·8	310·8	27th	292·2	283·6	14th	297·5	*296·9*	+4·4	87	+ 3
421	Toronto	43 40	79 24	116	1000·2	1013·8	−1·1	298·7	307·4	11th,20th	286·8	279·7	15th	292·7	*292·9*	+2·0	47	− 21
422	New York (Central Park)	40 47	73 58	47·4	1007·6	1013·1	−2·6	300·6	309·1	9th	290·3	281·9	15th	295·4	*295·1*	+1·0	68	− 19
423	St. John, N.B.	45 17	66 4	36·3	1007·4	1011·7	..	291·6	299·7	10th	282·5	277·4	2nd	287·1	*286·6*	+0·7	129	+ 46
424	S.W. Point, Anticosti	49 24	63 33	9·1	1009·0	1010·1	..	285·3	291·9	28th	278·3	273·6	8th	281·8	*282·1*	−0·7	57	− 16
424a	Sable Island (Main Station)	43 57	60 6	7·6	1013·2	1014·1	..	286·7	293·0	6th	281·6	278·0	2nd,7th	284·1	*283·8*	+0·5	152	+ 61
426	St. John's, Newfoundland	47 34	52 42	74·1	1003·9	1012·8	0·0	289·8	299·7	14th	279·7	273·6	8th,10th	284·7	*284·6*	+1·1	50	− 40
435	Madrid	40 24	3 41	667	937·4	1012·4	−3·1	298·4	306·6	2nd	286·2	282·6	5th	292·3	*290·7*	−0·3	19	− 17
436	Nantes	47 15	W. 1 34	36·5	1007·7	1011·9	−5·5	295·2	303·0	7th	284·6	281·3	13th	289·9	289·6	+0·2	31	− 26
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1006·0	1012·0	−5·3	294·6	301·3	7th	284·5	281·4	12th	289·5	289·4	−0·1	81	+ 25
438	Marseille	43 18	5 23	75	..	1011·2	−3·6	296·6	301·8	4th	286·2	282·8	14th	291·4	*291·0*	−1·7	44	+ 16
438a	Zürich	47 23	8 33	493	954·5	1011·7	−4·9	293·1	300·2	6th	282·9	279·3	2nd	288·0	286·9	−2·3	190	+ 57
439	Rome	41 54	12 29	45·5	1006·9	1012·2	−2·9	298·8	301·8	21st	288·3	287·2	15th	293·5	*293·7*	−1·1	50	+ 10
440	Vienna	48 15	16 22	203	986·2	1010·0	−4·8	293·6	298·3	22nd	285·0	281·4	9th	289·3	288·9	−2·4	40	− 30
440a	Budapest	47 31	19 1	130	993·9	1009·2	−4·8	296·6	304·2	22nd	285·2	278·9	9th	290·9	290·3	−2·1	91	+ 20
441	Sofia	42 42	23 20	550	947·3	1010·0	−4·1	295·3	303·7	23rd	285·0	278·7	6th	290·1	*290·4*	−0·9	61	− 20
442	Bucharest	44 25	26 6	82	999·5	1009·1	−3·7	298·0	307·7	23rd	286·1	281·1	6th	292·1	291·8	−1·7	95	+ 7
443	Odessa (Observatory)	46 26	30 46	42·8	..	..	..	293·0	298·3	20th	286·1	278·4	4th	289·6	288·9	−4·1	73	+ 17
444	Novorossiisk	44 44	37 49	37·1	1006·2	1010·6	−2·0	294·0	299·0	30th	287·4	281·5	6th	290·7	*290·6*	−2·5	46	− 12
445	Tiflis	41 43	44 48	404	963·1	1009·2	−2·7	298·7	305·0	20th	287·3	282·6	7th	293·0	*292·5*	−1·4	49	− 24
446	Astrakhan	46 21	48 2	−20	1010·2	1007·9	−3·9	297·7	303·9	19th	289·8	286·0	5th	292·2	*292·9*	−2·6	126	+108
447	Fort Alexandrovsk	44 31	50 7	−23·0	1010·3	1007·6	−3·3	297·1	304·2	28th	290·6	287·8	2nd	293·8	*293·1*	−2·8	40	+ 28
448	Krasnovodsk	40 0	52 59	− 7·4	1008·4	1007·5	−2·6	301·9	310·8	28th	291·9	288·1	1st	296·9	295·7	−2·5	1	− 8
449	Kasalinsk	45 46	62 7	66·7	999·4	1007·1	−2·2	302·1	308·2	23rd	288·6	278·7	12th	295·4	*294·7*	−1·5	1	− 5
450	Tashkent	41 20	69 18	479	951·2	1004·6	−2·5	303·6	311·6	19th	289·0	281·0	13th	296·3	*295·7*	−2·0	23	+ 11
451	Andijan	40 44	72 20	496	948·8	1003·6	..	305·0	311·8	19th	291·8	287·3	15th	298·4	*297·1*	..	9	..
452	Alma Ata	43 16	76 55	848	913·4	1006·8	−1·8	298·8	305·3	20th	288·0	277·4	13th	293·4	*291·9*	..	73	+ 13
459	Peiping	40 0	116 22	84·5	998·3	1008·1	..	299·9	305·8	18th	289·3	282·2	1st	294·6	294·4	..	409	..
461	Fengtien (Moukden)	41 47	123 24	44·3	1000·3	1005·4	+1·0	301·1	306·7	9th	288·3	280·8	1st	294·7	294·7	0·0	121	+ 33
462	Joshin	40 40	129 12	31·9	1004·7	1008·6	+1·5	293·3	300·1	8th	287·3	283·0	2nd	290·3	289·8	+1·3	103	+ 45
463	Yuki	42 20	130 24	63·8	1000·9	1008·4	+1·2	291·2	299·2	8th	285·0	281·2	1st	288·1	287·8	+0·2	94	+ 10
464	Vladivostok	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
465	Ochiai	47 20	142 47	27·4	1006·2	1009·6	+0·9	291·6	301·3	24th	278·4	273·3	12th	285·0	284·5	+0·7	26	− 56
466	Nemuro	43 20	145 35	26·7	1007·5	1010·7	+0·6	287·0	294·1	24th	279·6	276·5	1st	283·3	283·3	+0·4	34	− 59
466a	Syana	45 14	147 53	39·3	1005·6	1010·4	+0·1	285·9	292·9	30th	277·3	271·5	1st	281·6	281·4	−0·8	39	− 20
		N.	E.															

BETWEEN LATITUDE 40° N. AND 30° N. JUNE - ZONE 5 (AMERICA)

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		N.	W.															
511	San Francisco	37 48	122 26	47·2	1009·5	1015·2	+0·6	290·9	295·8	13th	283·6	282·4	2nd	287·2	*286·4*	+0·2	0	− 4
512	Sacramento	38 35	121 30	20·1	1010·5	1012·8	+1·1	301·3	311·3	13th	285·4	280·2	2nd	293·3	*293·2*	−0·5	2	− 1
513	San Diego	32 43	117 10	26·5	1010·8	1013·9	+1·0	292·2	294·1	19th	286·7	284·7	1st	289·4	*289·4*	−1·1	2	0
514	Modena	37 48	113 54	1668	833·0	1010·1	+0·8	301·5	306·9	12th	280·9	275·2	6th	291·2	*291·3*	+0·9	0	− 9
515	Santa Fé	35 41	105 57	2138	790·7	1011·5	+2·2	298·4	304·1	11th	285·5	278·6	7th	291·9	*292·1*	+0·2	58	+ 28
516	Denver	39 45	105 0	1613	838·5	1011·8	+1·4	302·7	308·6	28th	288·7	284·7	8th	295·7	*295·1*	+3·1	4	− 30
517	Abilene	32 23	99 40	530	953·9	1013·5	+1·6	307·0	311·3	25th	293·3	286·3	14th	300·2	*299·9*	+1·1	8	− 61
518	Saint Louis	38 38	90 12	173	994·9	1015·2	+0·7	306·3	311·9	30th	294·9	286·3	14th	300·6	*300·8*	+3·7	4	−112
519

JUNE - ZONE 5 (EUROPE, AFRICA, ASIA) TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 8	40	1022·5	1027·9	+3·3	295·6	299·9	26th	290·7	286·0	3rd	293·2	292·8	+0·9	26	– 51
531	Horta	38 32	28 38	65	1019·3	1027·1	+3·1	296·8	300·7	29th,30th	289·6	287·0	1,2,3	293·2	292·8	+0·7	4	– 55
532	Ponta Delgada	37 44	25 40	22	1023·8	1026·4	+3·0	294·4	296·5	27th,28th	289·3	286·4	4th	291·9	291·8	+0·1	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	9	– 34
533	Madeira (Funchal)	32 38	16 55	25	1017·6	1020·6	–0·2	294·9	296·5	4th	290·1	288·4	23rd	292·5	292·7	+0·2	0	– 9
535	Lisbon	38 43	9 9	95	1005·6	1016·8	–0·5	295·4	301·6	10th	287·9	286·2	5th	291·6	291·4	–0·9	6	– 12
536	Gibraltar	36 6	5 21	27·4	..	1014·9	–2·6	299·8	303·6	24th	289·3	286·9	4th,30th	294·6	*293·0*	+0·2	0	– 14
536a	Colomb-Béchar	31 37	W. 2 13	769	925·3	1009·2	0·0	306·6	312·2	25th	293·6	289·7	5th	300·1	*300·3*	–1·2	8	+ 3
537	Palma	39 34	E. 2 39	23	1009·9	1012·6	–4·8	297·3	303·2	25th	287·4	284·2	17th	292·4	*292·2*	–2·6	104	+ 86
538	Algiers	36 46	3 13	59	1006·5	1013·4	–2·7	298·6	303·1	21st	291·3	286·1	5th·6th	294·9	294·5	+0·2	25	+ 2
538a	Gadames	30 8	9 30	361	..	..	..	317·8	328·2	28th	294·5	287·1	1st	306·1	..	+1·0	0	0
539	Tunis	36 48	10 10	66	1005·4	1013·1	–2·1	299·4	310·4	25th	289·1	284·9	1st	294·3	*294·1*	–1·3	9	– 2
540	Malta	35 54	14 31	71·2	..	1012·8	–1·9	296·8	304·1	26th	291·1	288·0	1,2,4	293·9	*293·0*	–1·7	13	+ 11
541	Athens	37 58	23 43	107	997·8	1010·1	–2·6	300·1	306·3	23rd	291·2	287·0	4th	295·6	295·4	–1·5	24	+ 9
542	Alexandria	31 12	29 53	32	1008·3	1012·0	–0·7	302·9	312·6	8th	292·9	288·4	4th	297·9	*296·8*	0·0	0	0
543	Ankara	39 58	32 48	861	912·9	1008·7	–2·9	297·3	305·0	24th	283·5	278·6	2nd	290·4	*291·1*	..	32	..
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1007·9	–0·9	305·2	312·4	24th	289·9	284·7	24th	297·6	..	–0·7	0	– 9
544	Beirut	33 54	35 28	33·7	..	1010·1	–0·8	301·6	309·1	9th	293·1	289·6	7th	297·3	*297·1*	–0·2	0	– 4
545	Hinaidi	33 17	44 29	32·9	1000·1	1003·8	+0·1	311·7	317·4	14th	295·2	289·1	1st	303·4	*303·8*	–1·9	0	0
546	Lenkoran	38 46	48 51	–20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	Tehran	35 41	51 25	1220	..	..	..	306·3	311·3	22nd	290·2	285·2	2nd	298·3	*297·9*	–1·3	0	– 2
548	Meshed	36 17	59 36	946	..	..	..	305·6	309·1	7th,18th	..	..	..	..	..	..	2	– 7
549	Seistan	31 2	61 30	? 610	944·9	..	..	311·7	316·3	19th	296·5	290·2	7th	304·1	..	+0·3	0	0
550	Quetta	30 10	67 1	1647	829·0	..	–1·2	308·2	312·4	22nd	290·7	284·7	13th	299·4	*299·0*	+2·6	0	– 4
551	Peshawar	34 1	71 35	355	958·8	997·0	–1·3	313·8	319·7	9th	298·6	295·2	11th,23rd	306·2	*306·0*	+0·1	11	+ 2
551a	Lahore	31 35	74 20	214	973·9	997·1	–0·8	314·6	318·6	21st	300·8	297·4	1st,30th	307·7	*307·2*	+0·3	31	– 12
552	Simla	31 6	77 10	2202	777·7	..	–0·4	296·7	299·7	9th,17th	289·4	284·7	1st	293·1	*292·7*	+0·2	146	– 35
552a	Leh	34 9	77 34	3503	665·5	..	–0·1	295·6	300·8	21st,22nd	280·6	276·9	7th,12th	288·1	*287·5*	+0·6	4	– 1
558	Sian	34 31	109 5	365	957·5	997·4	..	306·7	311·0	27,29,30	295·2	290·0	1,7,24	300·9	302·0	..	53	..
559	Hankow	30 35	114 17	39·1	1000·7	1005·2	–0·2	302·7	308·5	30th	295·2	290·3	6th	299·0	*298·6*	–0·1	183	– 53
560	Tientsin	39 9	117 9	6·4	1004·6	1005·1	+0·5	302·6	309·1	18th	291·3	284·7	1st	297·0	*296·5*	–0·8	143	+ 83
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1004·9	1005·7	–0·7	300·5	306·6	26th	292·8	286·0	7th	296·7	295·9	–0·2	110	– 71
562	Jinsen (Chemulpho)	37 29	126 38	70·4	999·3	1007·5	+0·6	298·4	304·0	20th	289·7	285·9	2nd	294·1	293·4	+1·1	153	+ 53
562a	Nagasaki	32 44	129 52	133	993·4	1008·6	+0·2	299·2	302·9	27th	292·7	288·8	9th	295·9	295·5	+1·0	184	–160
563	Kyoto	35 1	135 44	42·9	1005·0	1009·9	+1·3	302·1	306·4	30th	290·3	283·2	11th	296·2	295·9	+1·4	91	–144
564	Tokyo	35 41	139 46	5·8	1009·6	1010·3	+1·1	299·0	306·6	27th	291·0	286·1	1st	295·0	294·9	+1·4	34	–138
565	Hukusima	37 45	140 28	68·5	1002·4	1010·4	+1·6	299·7	305·6	30th	287·0	280·0	8th	293·3	293·1	+1·0	51	– 75
566	Miyako	39 38	141 59	30·4	1006·2	1009·9	+0·6	295·5	300·6	12th	284·6	279·1	1st	290·1	289·4	+0·4	91	– 35

JUNE - ZONE 6 (AMERICA, AFRICA) BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 13	177 22	5·8	1018·3	1018·9	..	302·4	304·1	27th	..	..	..	..	..	..	15	– 48
605	Honolulu	21 19	157 52	11·6	1016·9	1018·3	+1·0	299·1	300·2	13th	294·6	293·0	11th	296·8	*296·7*	–1·0	14	– 12
613	Guaymas	27 55	110 53	8·3	1009·7	1010·6	+1·2	307·2	309·7	22nd	297·3	292·0	1st	302·3	*300·6*	–0·4	0	– 1
614	La Paz, Mexico	24 10	110 20	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..
615	Leon	21 7	101 41	1809	818·8	1004·4	–2·2	302·8	306·8	1st	287·2	284·4	5th	295·0	*295·1*	–0·3	77	– 38
616	Monterry	25 40	100 18	528	953·6	1012·1	+2·4	304·9	308·5	29th	293·7	290·1	15th	299·3	*298·9*	–0·9	128	+ 69
617	Tulancingo	20 5	98 22	2181	791·2	..	+1·5	297·1	301·0	24th	281·3	275·8	6th	289·2	*288·5*	–1·5	11	– 85
618	Galveston	29 18	94 50	16·5	1013·9	1015·9	+1·4	303·2	308·6	22nd	297·8	293·0	15th	300·5	*300·0*	+0·4	25	– 85
618a	New Orleans	29 57	90 4	16·2	1014·2	1015·9	+0·7	304·9	310·2	20th	296·1	290·8	15th	300·5	*300·1*	+0·5	15	–124
619	Merida, Yucatan	20 58	89 38	22	1010·8	1013·3	+0·1	304·3	306·4	25th	296·2	294·0	5th	300·3	*299·5*	–0·3	99	– 67
620	Havana	23 7	82 25	77·0	1004·7	1013·5	–1·9	302·5	305·3	26th	296·2	294·0	19th	299·3	299·0	–0·3	141	– 43
620a	Key West	24 33	81 48	6·7	1013·9	1014·5	–0·9	302·9	304·7	14th	297·3	293·6	4th	300·1	*300·0*	–0·6	277	+167
621	Nassau, Bahamas	25 5	77 20	5·4	..	1015·1	–1·7	302·8	304·1	9,24,28	297·3	294·7	13th	300·1	*300·1*	–0·2	84	– 85
622	San Salvador (Watling Island)	24 6	74 26	33·5	1012·6	1016·5	–0·4	..	302·4	12,24,25	..	296·9	Sev.dates	..	*298·8*	–1·3	..	..
633	Port Etienne	20 56	17 3	4	..	..	..	..	..	..	..	..	..	..	‡*294·5*	..	18	+ 16
634	La Laguna	28 28	16 20	547	953·6	1016·4	–1·6	293·3	295·9	9th	286·6	285·0	13th	290·0	*289·8*	–1·1	11	+ 3
634m	Izaña	28 19	16 30	2367	770·8	..	0·0	289·7	295·1	23rd	281·8	277·7	5th	285·8	*285·1*	–0·1	0	– 2
636	Adrar	27 52	W. 0 17	285	976·4	1007·3	..	314·1	319·1	27th	297·5	293·1	23rd	305·8	*307·9*	..	0	..
638	Tamanrasset (Fort Laperrine)	22 47	E. 5 31	1350	864·5	1003·8	–1·1	308·3	311·1	29th	294·9	289·1	6th	301·6	301·8	+0·3	14	+ 9
639	Gat	24 58	10 11	566	..	..	..	316·2	318·2	23rd	301·5	296·5	3rd	308·9	*306·9*	..	0	..
640	Hon	29 8	15 56	207	..	..	..	314·3	322·3	17th	292·0	286·7	9th	303·1	*304·8*	..	0	..
641	Giarabub	29 44	24 31	15	..	..	..	312·1	319·7	18th	294·7	285·0	10th	303·4	*305·1*	..	0	..
642	Siwa	29 12	25 29	– 15	1012·7	1011·1	–2·4	..	..	..	291·2	285·3	4th	..	*302·2*	..	0	0
643	Cairo (Helwan)	29 52	31 20	116	997·2	1010·3	–0·5	310·3	320·5	13th	294·4	288·9	4th	302·3	302·3	+2·1	0	0
643a	Aswan	24 2	32 53	100	995·0	1006·0	–1·4	317·9	322·8	10th	299·3	293·0	1st,2nd	308·6	*308·0*	+2·6	..	..
644	Tor	28 14	33 37	1·9	1007·4	1007·6	+0·5	307·7	315·0	19th	296·2	290·5	1st	301·9	*301·1*	+1·2	0	0
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N. JUNE - ZONE 6 (ASIA)

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	28 59	50 49	4·3	998·8	999·4	..	303·9	309·7	29th	298·1	294·1	2nd	301·0	*300·3*	–2·1	0	0
648	Jask	25 45	57 45	4·0	997·6	998·0	..	308·2	311·3	28th	300·8	297·4	4th,10th	304·5	*303·8*	–0·6	0	– 2
649	Manora (Karachi)	24 48	66 59	4·0	999·7	1000·2	–0·2	305·4	306·3	25,29,30	301·3	300·8	Sev.dates	303·3	*302·6*	0·0	0	– 22
650	Jacobabad	28 17	68 29	56·7	989·8	995·9	–1·3	317·8	321·3	1,5,30	302·2	299·7	6,20,23	310·0	*309·5*	–0·3	0	– 5
651	Jaipur	26 55	75 50	436	951·7	998·7	–1·0	311·9	317·4	1st,9th	297·4	295·2	4,17,18	303·0	*302·0*	–1·7	168	– 60
652	Nagpur	21 9	79 7	310	967·1	1001·3	–0·4	308·6	313·6	1st	295·8	293·0	1st	305·8	*305·1*	–0·9	105	– 21
653	Allahabad	25 26	81 50	94·2	987·8	998·2	–0·9	310·8	316·9	8th	300·8	295·8	1st	305·8	*305·1*	–0·9	105	– 21
653a	Darjiling	27 3	88 16	2265	771·7	..	–1·0	291·7	296·9	20th	286·5	284·7	12th	289·1	*288·7*	+0·3	569	– 78
654	Calcutta	22 32	88 20	6·4	998·7	999·5	–1·1	305·8	309·1	3rd,6th	299·4	296·9	3rd	302·6	*302·4*	+0·2	399	+ 97
655	Gauhati	26 11	91 45	55·5	995·1	1001·4	–1·2	305·0	308·0	23rd	298·3	295·8	3rd	301·7	*301·0*	+0·4	117	–234
655a	Akyab	20 8	92 55	8·8	1002·6	1003·6	–0·6	301·7	304·1	27th	297·6	295·8	3,5,7	299·7	*299·8*	–1·0	806	–387
655m	Cherrapunji	25 15	91 44	1313	862·8	..	–0·7	295·0	298·0	30th	290·8	288·0	8th	292·9	*292·4*	–0·2	2382	– 54
656	Mandalay	21 59	96 6	76·2	995·0	1003·6	–1·2	306·6	309·1	26th	298·9	296·9	3rd,5th	302·7	*301·9*	–0·7	156	+ 16
656a	Tengyueh	25 0	98 40	1634	830·0	999·8	..	296·6	300·5	22nd	290·0	288·5	1,14,22	293·3	292·9	+0·4	251	+ 8
657	Phu Lien	20 48	106 38	116	..	1002·5	–1·0	306·1	309·3	6th	299·0	296·0	13th	302·5	301·9	+1·0	144	–100
658	Moncay	21 31	107 58	9·0	..	1002·8	–1·1	305·9	309·9	28th	299·2	297·1	2nd	302·6	*301·9*	+1·4	279	–235
659	Hongkong	22 18	114 10	33·2	..	1004·7	–1·1	303·6	305·9	7th	299·3	296·2	12th	301·5	301·1	+0·9	418	+ 19
660	Amoy	24 26	118 4	4·9	1006·1	1006·6	–0·2	302·7	307·0	18th	298·2	295·0	2,7,9	300·5	299·9	–0·3	344	+167
661	Taihoku, Formosa	25 2	121 31	9·3	1005·1	1006·1	–0·7	305·0	308·9	24th	296·1	293·1	8th,9th	300·6	300·1	+0·5	271	– 18
661a	Basco	20 28	121 59	18·7	..	1006·7	–0·1	304·2	305·6	10th,12th	299·0	297·3	18th	301·6	301·3	0·0	260	+ 71
662	Naha	26 12	127 39	29·5	1004·7	1008·1	–0·5	301·8	303·7	23rd	297·1	294·1	9th	299·5	299·4	+0·1	259	– 4
665	Titizima (Bonin Islands)	27 5	142 11	4·3	1011·9	1012·3	+0·1	302·5	306·4	26th	296·1	291·5	5th	299·3	298·9	+0·5	60	– 75
		N.	E.															

JUNE - ZONE 7 BETWEEN LATITUDE 20° N. AND 10° N.

		N.	W.															
715	Colima	19 12	103 45	498	955·4	1010·6	+0·2	307·5	310·3	25th	292·8	288·6	2nd	300·1	298·9	–0·3	50	–105
716	Morelia	19 42	101 7	1923	809·5	1006·9	+0·1	298·3	301·5	Sev.dates	288·4	286·5	2nd	293·3	*293·3*	+0·6	79	– 56
717	Mexico, Tacubaya	19 24	99 12	2309	775·3	..	+0·9	299·0	302·4	26th	282·7	278·4	3rd	290·9	289·7	+0·1	41	– 69
718	Salina Cruz	16 12	95 12	56	1004·1	1010·4	–0·9	306·3	308·2	10th	296·6	294·0	27th	301·5	*302·2*	+1·7	38	–268
719	ǂSan Salvador	13 42	89 13	682	937·5	1013·0	+1·4	304·7	307·4	25th	292·1	290·0	7th	298·4	*296·5*	–0·2	398	+ 40
720	Belize	17 31	88 11	5·2	1011·8	1012·4	+0·8	303·3	304·7	21st	297·2	294·7	6th	300·2	*299·8*	–0·6	134	– 76
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1012·5	–1·0	303·2	305·2	25th	295·9	294·4	13th	300·7	*300·0*	–0·4	120	+ 16
722	Port au Prince	18 33	72 20	37·4	1009·2	1013·4	–1·5	305·1	308·6	25th	296·4	294·2	13th	300·7	*300·0*	–0·4	120	+ 16
723	Caracas	10 30	66 55	1043	898·2	1011·5	..	300·2	303·6	20th	289·9	287·0	12th	295·1	*294·4*	+1·0	70	– 33
724	San Juan, Porto Rico	18 29	66 7	25·0	1011·8	1014·9	–1·7	302·8	305·8	3rd	297·2	296·3	29th	300·0	*299·7*	+0·6	202	+ 53
724a	Grenada (Richmond Hill)	12 5	61 46	188	992·0	1013·3	..	303·1	304·7	12th	295·4	294·1	8,21,22	299·3	298·8	+0·2	373	+163
725	Barbados	13 8	59 36	57·9	..	1014·0	–0·4	303·5	304·7	11,12,15	296·2	294·1	30th	299·8	*299·6*	–0·1	82	– 27
731	São Vicente, C. Verde Is.	16 54	25 4	11	1012·9	1014·2	–1·0	299·0	299·7	12th	292·3	291·0	9th	295·6	*296·7*	+0·1	0	0
732	ǂSan Tiago, C. Verde Is.	14 54	23 31	34	..	..	..	300·8	302·0	16,17,18	..	..	..	..	*299·2*	..	0	– 1
733	Dakar	14 40	17 26	32	1007·8	1011·4	..	303·8	306·7	20th	296·4	294·1	25th	300·1	*299·6*	+0·2	94	+ 77
734	ǂBathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	303·0	305·8	14th	295·8	293·6	4th	299·4	*299·3*	–0·2	78	– 3
735	Bamako	12 39	7 58	340	973·6	1011·4	..	305·9	312·5	22nd	297·0	292·3	7th	301·5	*301·0*	..	207	..
736	Kabara	16 45	W. 3 1	273	..	..	..	312·0	317·4	9th	296·3	293·0	19,25,28	304·1	*303·6*	..	34	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	307·8	311·9	1st,2nd	296·1	292·4	18th	301·9	*301·4*	–0·9	182	+ 79
738	Kaduna Capital	10 32	7 25	584	943·5	1007·5	..	303·2	305·2	1,9,15	293·8	291·3	15th,28th	298·5	*297·9*	+0·7	169	– 11
739	Bilma	18 41	12 55	356	968·3	1006·6	..	318·7	321·6	11th	297·0	292·8	17th	307·9	..	..	0	..
740	Maiduguri	11 47	13 11	361	..	..	..	308·6	312·4	4th,6th	..	..	..	..	‡*302·3*	+0·1	123	+ 69
741	El Fasher	13 32	25 18	730	926·6	1004·7	..	313·5	316·0	Sev.dates	295·4	291·5	2nd	304·5	*302·8*	+0·4	0	– 19
743	El Obeid	13 11	30 14	563	945·5	1006·6	–0·2	309·9	314·9	7th	296·9	290·4	13th	303·4	*302·4*	0·0	84	+ 50
743a	Khartoum	15 37	32 33	380	963·6	1004·6	–1·3	314·2	317·9	10th	299·4	294·1	30th	306·8	*306·8*	–0·3	17	+ 9
744	Port Sudan	19 37	37 13	5·5	1005·5	1006·1	+0·2	312·2	316·7	20th,28th	299·0	295·2	2nd	305·6	*305·2*	+0·6	2	+ 2
745	Berbera, Somaliland	10 26	45 2	13·8	1002·7	1004·1	–0·4	313·5	316·3	15th	303·7	299·1	11th	308·6	*307·9*	–0·2	0	0
746	Aden	12 49	45 2	29·9	1002·6	1006·0	+0·9	308·4	311·3	2nd,3rd	302·5	299·1	1st	305·5	*305·2*	+0·6	0	– 2
751	Bombay	18 54	72 49	11·3	1003·6	1004·9	–0·2	304·4	306·9	1st	299·1	297·4	8,21,25	301·7	301·7	–0·2	261	–204
752	Kodaikanal	10 14	77 28	2343	769·6	..	+0·4	290·9	293·6	26th	284·6	283·6	4 days	287·7	287·2	+0·4	38	– 66
752a	Bangalore	12 58	77 35	921	907·5	1007·5	+0·5	301·2	303·6	26th	292·2	290·8	8th	296·7	*295·7*	–0·6	45	– 28
753	Madras	13 4	80 15	6·7	1005·2	1005·9	+0·6	310·1	311·9	18th,19th	300·6	296·9	24th	305·3	*304·6*	+0·6	19	– 29
754	Vizagapatam	17 42	83 18	38·4	997·1	1001·4	–0·7	305·8	309·7	8th,13th	299·9	296·9	4th	302·8	*302·1*	–0·6	49	– 75
755	Port Blair	11 40	92 43	18·0	1005·4	1007·4	+0·1	302·3	309·1	16th	298·5	295·2	22nd	300·4	*299·7*	–0·3	544	+ 53
756	Rangoon	16 46	96 11	5·5	1005·2	1006·5	–0·4	302·7	304·7	5th,27th	297·1	295·8	4th,22nd	299·9	*298·8*	–0·5	649	+191
757	Cap St. Jacques	10 20	107 5	180	..	1009·0	..	303·4	308·5	2nd,3rd	296·7	295·0	6th,7th	300·0	*299·5*	–0·1	209	+ 14
758	Nhatrang	12 15	109 12	3·6	..	1005·1	..	304·6	307·8	22nd	297·6	296·7	10th,18th	301·1	*300·6*	–0·5	82	+ 33
759	Iba	15 20	119 58	4·8	..	1007·7	+0·6	305·0	307·7	6th	296·9	295·6	1st,29th	300·9	*300·4*	+0·5	633	+ 71
761	Vigan	17 34	120 23	12·2	..	1006·9	–0·1	304·7	306·5	7th	297·4	295·0	23rd	301·1	300·8	–0·2	244	–100
761a	Manila	14 35	120 59	**10·1	..	1008·1	+0·3	305·6	308·3	10th	297·6	296·1	24th	301·6	300·9	+0·2	130	–126
762	ǂOrmoc	11 0	124 36	5·6	..	1008·0	+0·2	304·9	306·9	3rd,4th	..	..	..	..	*300·3*	+0·4	120	– 74
765	Guam, Ladrone Is.	13 24	144 38	18·6	..	1009·6	+0·5	304·4	306·0	4,5,8	297·7	296·4	23rd	301·1	*301·3*	0·0	287	+145
766	Saipan	15 14	145 46	207	987·7	1007·8	..	302·3	303·3	9th	297·2	295·1	23rd	299·7	299·3	..	138	..
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

**Height changed from 19.8 m. to 10.1 m. from June 19th.

†Estimates not based on at least six equally spaced observations each day are in italics.

ǂChange of normals, see Table of Authorities, pages 105-15.

JUNE - ZONE 8

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1009·4	1010·0	–0·8	302·8	304·7	15th	297·8	295·2	22nd	300·3	*299·9*	–0·6	308	+ 52
821	Cristobal	9 23	79 54	11·0	..	1010·6	+0·1	304·0	305·2	16th	297·4	295·8	27th	300·7	299·9	+0·8	403	+ 65
822	Bogota	4 36	74 5	2645	747·6	..	+1·2	291·1	293·9	2nd	283·4	280·9	23rd	287·3	*286·6*	–0·1	89	+ 29
822a	Merida, Venezuela	8 36	71 9	1641	841·9	..	..	297·3	300·0	22nd	288·4	287·2	24th	292·9	*291·8*	+0·1	228	+ 42
823	§Ciudad Bolivar	8 9	63 33	38	1005·9	1010·2	–1·4	304·3	306·6	19th	296·6	294·7	14th	300·5	*300·0*	0·0	169	+ 29
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·6	–0·6	302·7	304·7	27th	297·1	295·8	7,14,27	299·9	*299·4*	+0·4	319	+ 16
826	Paramaribo	5 49	55 9	3·7	1012·5	1012·9	–0·9	303·8	307·7	8th	295·8	294·8	15th	299·8	*299·2*	+0·5	329	+ 30
826a	Cayenne	4 54	52 21	6	1012·0	1012·7	..	302·8	305·9	26th	295·4	293·5	6th	299·1	*298·4*	–0·4	373	– 21
831	10°-5°N., 30°-25°W.	††7 19	††27 12	§(36-43)	..	1012·9	–0·7	..	..	Sea Temp. 299·8	+0·3	..	..	..	*299·1*	0·0	..	..
833	Konakri	9 31	13 43	12·5	1011·1	1012·6	..	303·2	305·8	1st	295·3	291·5	10th	299·3	*298·8*	–0·4	626	+113
834	Freetown, Sierra Leone	8 29	13 14	55·0	1006·1	1012·3	+0·9	302·5	304·7	1,5,13	295·2	291·9	4th	298·9	*298·1*	..	762	+253
835	Assuantsi	5 18	1 15	97·3	1000·3	1011·4	..	300·9	303·0	1,3,12	295·3	293·6	12th,21st	298·1	*297·7*	+0·1	312	+ 84
836	Accra	5 33	W. 0 12	17·7	1010·2	1012·2	–0·3	301·9	304·1	4th	296·5	294·7	2nd,4th	299·2	*298·8*	+0·1	206	+ 29
837	Lagos	6 27	E. 3 24	1·8	1012·3	1012·6	+0·6	301·6	303·0	4,19,25	296·9	294·7	24th	299·2	*298·6*	–0·2	377	– 92
838	Victoria, Nigeria	4 1	9 12	15·5	1010·9	1012·7	..	301·1	304·7	6th	293·8	292·4	10,12,18	297·4	*296·9*	..	1011	+426
839	Yola	9 12	12 30	259	..	..	..	304·5	306·9	3rd,6th	295·6	293·0	16th,17th	300·1	*299·5*	–0·3	86	– 61
841	Barumbu	1 11	23 30	?450	..	..	..	304·0	306·5	4th	292·7	291·0	17th	298·3	*297·6*	..	71	..
842	Wau	7 42	28 3	440	960·6	1009·3	+0·1	306·2	310·0	1st,6th	294·9	292·5	22nd	300·5	*299·9*	+0·9	141	– 24
843	Malakal	9 35	31 37	394	966·0	1009·7	–0·6	307·1	311·3	6th,17th	295·1	293·4	25th	301·1	*299·8*	+1·1	163	+ 18
843a	Juba	4 53	31 35	475	957·0	1009·7	..	307·0	310·2	7th	292·1	290·5	30th	299·5	*298·8*	..	50	..
844	Kampala (Kololo Hill)	0 20	32 36	1312	869·5	1009·0	..	299·6	302·3	7th	289·6	287·4	30th	294·6	293·8	..	53	..
845	Baidoa	3 7	43 39	480	957·2	1010·1	..	305·1	307·0	9,11,12	293·6	292·0	26,27,28	299·3	..	..	0	..
846	Sheikh	9 55	45 15	1463	..	..	..	302·9	305·2	11th	290·1	285·8	15th	296·5	..	..	49	+ 12
851	Minicoy	8 18	73 0	2.7	1010·1	1010·5	+0·9	302·8	304·1	8th,9th	298·5	295·8	21st,22nd	300·7	*300·0*	..	215	– 87
851a	Cochin	9 58	76 14	2·7	1009·9	1010·2	+0·7	302·2	303·6	9,10,20	296·9	295·2	15,29,30	299·6	*298·9*	–0·1	738	+ 14
852	Colombo Observatory	6 54	79 52	7·3	..	1009·8	+1·4	302·3	303·2	17th	297·7	295·1	14th	300·0	*299·3*	–0·6	257	+ 71
853	Nuwara Eliya	6 58	80 46	1881	813·4	1010·7	+1·1	291·8	295·4	7th	285·8	283·6	3rd	288·8	*288·1*	–0·3	211	–114
854	Trincomalee	8 35	81 15	30·2	..	1006·4	+1·1	305·3	306·7	7th,26th	298·6	297·8	14th	301·9	*301·2*	–0·9	0	– 35
855	Koetaradja	5 32	95 20	7·1	..	..	..	..	..	..	..	..	..	..	..	..	148	+ 57
856	Medan	3 35	98 41	25·0	..	1009·0	+0·2	304·6	306·7	20th	295·2	293·2	21st	299·9	*299·4*	0·0	175	+ 44
857	Butterworth	5 25	100 22	2·1	..	1008·5	..	304·7	305·8	Sev. dates	296·3	294·1	23rd	300·5	300·1	..	76	..
858	Singapore (Mt. Faber)	1 16	103 49	90·5	..	1008·9	+0·2	304·7	306·3	22nd,29th	297·2	294·1	18th	300·9	300·4	..	256	..
859	Sandakan	5 50	118 7	55·5	1002·9	1009·2	..	304·8	305·8	1,16,24	297·0	294·7	26th	300·9	*300·4*	+0·3	100	– 91
860	Iwahig	9 44	118 38	14·3	..	1007·4	+0·1	304·2	307·0	1st	296·2	295·1	14th	300·2	*299·4*	+0·1	207	– 5
861	Tagbilaran	9 38	123 51	21·3	..	1008·1	+0·1	304·5	306·7	5th	297·4	296·0	28th	300·9	300·4	0·0	225	+ 87
861a	Menado	1 30	124 50	8·5	..	1008·9	+0·5	304·1	306·3	25th	296·0	294·6	23rd	300·1	*299·6*	+0·4	59	–104
862	Surigao	9 48	125 29	6·0	..	1008·5	+0·3	305·1	307·6	1,5,20	297·2	296·3	22,23,30	301·1	300·5	+0·3	81	– 51
863	Kolonie, Yap	9 29	138 8	29·3	..	1011·0	+2·0	303·4	305·5	11th	297·9	296·6	15th	300·7	300·3	0·0	170	– 86
864	Palau	7 20	134 29	31·8	1006·2	1009·8	0·0	302·8	304·2	15th	297·5	296·1	5,26,30	300·1	299·9	–0·1	369	+ 58
867	Ponape	6 58 N.	158 13 E.	38·9	1005·7	1010·0	..	302·0	304·0	9th	296·2	294·2	14th	299·1	299·0	--	416	..

JUNE - ZONE 9 — BETWEEN LATITUDE 0° AND 10° S.

902	Atafu	8 32	172 31	1·8	..	1011·4	..	303·0	304·1	12th	299·8	297·8	23rd	301·4	*301·1*	..	101	..
920	Lambayeque	6 46	79 55	15	1013·1	1014·9	..	297·7	299·0	6th,7th	289·5	285·2	25th	293·6	292·8	..	0	..
921	Quito	0 13	78 30	2816	727·5	..	–0·5	293·4	296·2	6th,30th	280·5	274·9	27th	286·9	285·3	–0·6	67	+ 24
923	Senna Madureira	9 4	68 40	135	996·4	1011·9	..	304·7	309·8	6th	292·0	289·9	7th	298·4	*297·2*	..	45	..
923a	São Gabriel do Rio Negro	0 8	67 5	85	1003·6	1013·4	..	302·3	304·9	16th	294·3	290·6	22nd	298·3	*297·1*	..	220	..
924	Manaos	3 8	60 1	43·8	1007·9	1013·0	..	303·6	306·3	20th	294·9	291·2	21st	299·2	*299·1*	–0·1	138	+ 55
925	Parintins	2 38	56 44	18	..	..	..	..	..	..	..	..	..	..	..	..	107	..
926	Taperinha	2 30	54 20	21·5	1010·4	1012·7	+0·3	303·2	305·4	13th	295·4	293·4	22nd	299·3	*298·2*	+0·4	372	+201
927	Turyassu	1 43	45 26	9·1	1011·1	1012·2	–0·1	303·7	305·0	21st	294·0	292·9	26th	298·8	*298·6*	+0·2	145	– 99
928	Barra do Corda	5 30	45 16	81·0	1003·9	1013·4	..	305·2	306·7	21st	291·8	288·7	10th	298·5	*297·6*	+0·2	9	– 9
929	§Quixeramobim	5 16	39 15	199	991·1	1013·5	–0·4	303·4	304·7	30th	296·3	294·4	10th	299·8	*300·0*	+0·8	8	– 39
930	Fernando Noronha	3 50	32 25	106	1001·2	1013·2	–0·3	300·3	301·2	2nd	296·6	295·2	26th,29th	298·4	*298·6*	+0·1	311	+146
934	Ascension Island	7 56	W. 14 25	16·8	1013·1	1014·9	–0·8	302·3	303·6	1st,4th	296·4	294·1	30th	299·3	*298·7*	+0·3	11	– 3
939	Loanda	8 49	E. 13 13	59·3	..	1013·8	–0·8	299·6	300·9	2nd,17th	293·0	291·3	11th	296·3	295·6	+1·2	0	0
940	§Brazzaville	4 17	15 16	320	..	..	..	301·7	304·0	..	291·4	289·0	..	296·5	..	0·0	0	– 11
942	Tshibinda	2 19	28 45	2115	..	..	..	294·1	296·5	7th	283·0	281·1	19th,20th	288·5	*289·3*	..	52	..
943	Masaka	0 20	31 44	1280	..	..	..	298·9	300·9	25th	289·2	287·9	30th	294·1	*293·4*	..	32	– 10
944	Nairobi (Kabete Obs.)	1 16	36 48	1820	822·1	1013·0	..	296·7	299·0	9th	283·8	280·6	20th	290·3	289·5	..	8	..
944a	Zanzibar (Chukwani Palace)	6 15	39 13	21	1013·3	1015·7	..	301·2	303·4	7th	295·7	293·6	21st	298·5	298·0	..	15	..
945	Afmadu	0 30	42 4	?	..	..	..	305·7	309·0	4,8,9	293·7	290·0	4,7,28	299·7	..	..	14	..
947	Seychelles, Port Office	4 37	55 27	4·6	1011·5	1012·0	0·0	301·3	303·0	8th	296·9	295·2	7th	299·1	*298·5*	+0·2	125	+ 3
957	Padang	0 56	100 22	6·7	..	1010·0	0·0	304·3	305·8	23rd	296·9	294·6	6th	300·6	*300·2*	+0·6	197	–111
958	Batavia	6 11	106 50	8·0	1009·0	1009·9	+0·1	303·8	305·8	2nd	296·5	295·0	6th	300·2	299·6	+0·3	129	+ 34
958a	Pontianak	0 1	109 20	2·6	..	1009·8	+0·4	305·7	307·1	23rd	297·4	296·2	30th	301·5	*301·2*	+1·1	164	– 64
959	Pasoeroean	7 38	112 55	5·0	..	1009·8	–0·5	303·4	304·6	2nd	296·0	294·5	24th	299·7	*299·6*	+0·4	97	+ 40
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	164	+100
962	Amboina	3 42	128 10	4·2	..	1010·2	+0·1	301·6	303·6	2nd	296·4	294·9	11th	299·0	*298·4*	+0·3	449	–188
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	105	– 89
965	Daru	9 4	143 13	7·6	..	..	..	301·7	..	..	297·0	..	..	299·3	*298·9*	+0·4	267	+171
966	Port Moresby	9 29	147 9	38·4	..	1010·9	–0·1	302·3	..	..	296·1	..	..	299·2	*298·8*	–0·1	63	+ 32
967	Rabaul	4 9	152 12	12·5	1007·8	1009·2	+0·1	305·1	306·6	23rd	296·0	294·4	4th	300·6	*300·0*	+0·3	54	– 36
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	302·4	303·6	1,8,9	297·5	296·3	12th,15th	299·9	*299·7*	–0·4	218	+ 45
970	Ocean Island	0 52	169 35	42·6	1005·2	1010·1	–0·2	304·4	305·8	10,23,24	298·7	297·4	5,20,21	301·5	*300·0*	+0·4	47	– 74
972	Funafuti, Ellice Is.	8 30 S.,	179 13 E.	2·4	1009·7	1010·0	..	303·8	304·7	2,13,19	298·9	296·3	20th	301·3	*300·9*	..	95	..
		°	°	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

§ Number of observations.

†Estimates not based on at least six equally spaced observations each day are in italics.

§Change of normals, see Table of Authorities, pages 105-15.

†† Mean latitude and longitude of the observations.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

JUNE - ZONE 10

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1001	Vavau	18 39	173 59	9·1	1013·5	1014·5	..	300·2	302·8	13th	295·0	290·8	18th	297·6	*297·2*	..	58	..
1002	Apia, Samoa	13 48	171 46	2·0	..	1011·7	+0·2	302·6	303·7	10th	296·2	292·8	25th	299·4	299·1	+0·1	49	– 87
1003	Alofi, Niue Is.	19 2	169 55	19·8	..	1015·4	+0·1	301·0	304·7	13th	293·1	290·2	26th,30th	297·0	*296·8*	+0·6	88	+ 14
1004	Pukapuka, Danger Is.	10 53	165 54	2·1	..	..	..	303·5	304·7	16,22,23	298·3	295·8	24th	300·9	*300·5*	..	101	..
1005	Aitutaki, Cook Is.	18 53	159 46	3·0	..	..	..	301·3	303·6	11th	293·4	288·6	29th	297·3	*296·8*	..	..	..
1007	Papeete (Hamuta)	17 32	149 33	5·0	1012·7	1013·2	..	304·2	306·2	15th	293·6	292·0	28th	298·9	*298·2*	..	22	..
1021	Lima	12 5	77 3	111	1002·7	1015·9	..	294·5	298·2	19th	286·1	282·7	26th	290·3	289·0	..	2	..
1022	Arica	18 28	70 20	29	1012·7	1016·2	..	292·7	295·1	2nd	287·3	284·2	20th	290·0	*289·5*	+0·5	0	0
1024	La Paz, Bolivia	16 30	68 8	3658	658·7	..	+0·4	290·3	293·0	12th	274·0	271·8	17th	282·1	*280·5*	+0·1	0	– 8
1025	§Corumba	18 59	57 39	116	1002·2	1015·5	+1·5	299·1	306·6	18th	286·9	273·8	22nd	293·0	*292·6*	–1·7	3	– 35
1026	Cuyaba	15 36	56 6	165	996·3	1015·5	+1·7	302·3	307·0	26th	287·2	274·2	22nd	294·8	*293·6*	–2·3	1	– 6
1027	Bello Horizonte	19 56	43 57	895	918·2	1018·3	+0·2	296·4	301·2	19th	284·2	279·8	10th	290·3	*290·2*	+0·1	0	– 9
1028	Caetite	14 3	42 37	897	918·1	1017·8	+0·2	296·9	300·1	21st	286·2	283·5	6th	291·6	*291·9*	–1·1	4	– 8
1029	§Ondina (Bahia)	13 0	38 31	64	1010·0	1017·5	+1·3	298·6	302·6	19th	294·2	291·9	9th	296·4	*296·1*	–0·9	311	+ 56
1030	§Aracaju	10 55	37 3	6·1	1015·2	1015·9	–0·5	299·7	301·5	2nd	294·6	290·7	9th	297·2	*297·0*	–0·3	215	+ 28
1035	§St. Helena	15 57	W. 5 40	604	948·7	1018·4	–0·8	289·9	291·3	6,10,15	286·6	285·2	25th	288·3	*288·5*	–0·1	67	– 5
1039	Mossamedes	15 12	E. 12 9	12·5	1014·2	1015·7	..	293·7	300·0	3rd	286·7	282·2	12th	290·2	..	..	0	0
1041	Livingstone	17 50	25 49	972	909·9	1018·2	..	299·2	302·3	25th	282·0	278·7	19th	290·6	..	+0·8	0	0
1041a	Elisabethville	11 40	27 29	1230	878·3	1012·6	–2·8	299·9	303·2	8th	280·4	276·6	3rd	290·1	..	+0·9	0	0
1042	Gwelo	19 26	29 45	1411	866·3	1021·7	..	294·7	298·6	26th	279·2	275·8	1st	286·9	..	+0·4	0	– 1
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	856·9	1019·5	–0·8	294·6	298·2	26th	280·9	276·2	30th	287·7	286·9	+1·4	5	+ 4
1044	Zomba	15 23	35 18	955	..	..	..	297·9	305·2	8th	285·9	283·0	6th,15th	291·9	*291·2*	+1·7	28	+ 16
1045	Mossuril	14 57	40 40	15	..	1017·7	–0·5	300·9	304·5	9th	290·6	287·9	23rd	295·7	295·8	0·0	6	– 17
1046	Antananarivo	18 55	47 33	1375	868·1	1019·5	+0·3	293·4	297·1	10th	283·0	279·4	4th	288·2	286·8	–0·2	10	+ 3
1046a	Tamatave	18 9	49 22	7	..	1019·3	..	298·0	300·8	8th,9th	293·2	291·0	6th,24th	296·9	*296·4*	..	107	..
1047	Vohémar	13 24	50 2	2	..	1016·0	..	300·7	303·5	8th	293·2	291·0	23rd	296·5	*296·0*	..	188	..
1048	Antalaha	14 53	50 15	4	..	1017·3	..	300·6	304·0	9th	292·4	290·9	23rd	296·5	*296·0*	..	..	..
1055	Cocos, Keeling Is.	12 5	96 53	4·6	..	..	..	301·6	303·0	20th	297·7	295·3	17th	299·6	*299·3*	–0·1	419	+184
1057	Christmas Island	10 25	105 43	5·5	1008·6	1009·3	+0·4	302·6	304·1	8th	296·7	295·2	7th,9th	299·7	*299·2*	–0·2	163	– 3
1061	Koepang	10 10	123 34	45·1	..	1010·8	–0·6	305·3	307·2	14th	295·2	291·1	9th	300·3	*299·3*	+0·6	2	– 8
1061a	Derby	17 18	123 40	16·2	1013·1	1015·0	+0·1	302·3	305·1	15th	289·4	284·2	27th	295·9	..	+0·2	0	– 12
1062	Hall's Creek	18 13	127 46	373	974·4	1016·8	+0·7	299·4	303·0	1st,5th	282·2	275·5	27th	290·8	*290·1*	–0·9	1	– 4
1063	Darwin	12 28	130 51	29·6	1009·8	1013·2	+1·3	303·6	306·2	3rd	294·4	290·9	24th	299·0	*297·8*	+0·1	4	+ 1
1064	Daly Waters	16 16	133 23	211	990·4	1014·6	+0·3	300·5	305·2	14th	286·3	278·6	24th	293·4	*292·7*	–0·9	20	+ 14
1065	Palmerville	15 56	144 8	210	989·1	1012·8	–0·1	302·2	304·8	5th	289·6	286·3	17th	295·9	..	+0·4	20	+ 8
1066	Georgetown, Queensland	18 22	143 32	302	980·5	1014·8	–0·3	301·2	303·8	28th	287·3	276·4	24th	294·2	..	+0·9	9	– 2
1066a	Willis Island	16 18	149 59	8·5	1012·8	1013·7	0·0	298·9	301·7	1st	295·2	292·2	10th	297·1	*297·2*	–0·2	114	+ 35
1067	Samarai	10 37	150 40	6·1	..	1012·9	+0·9	301·9	..	..	296·2	..	..	299·1	*298·9*	+0·6	179	– 96
1070	Vila, New Hebrides	17 44	168 19	57·0	1006·3	1012·9	..	297·4	300·0	1st	290·5	288·0	17th	293·9	*293·4*	..	159	..
1071	Rotuma, Fiji	12 30	177 0	27·4	1007·8	1010·9	..	302·6	303·6	1,10,22	296·7	294·7	18th	299·6	*299·4*	..	186	..
1072	Suva, Fiji	18 8 S.,	178 26 E.	3·7	1013·7	1014·1	+0·6	299·7	303·6	9th	294·6	292·4	6,17,28	297·1	*296·9*	+0·4	198	+ 28
		°	°	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

BETWEEN LATITUDE 20° S. AND 30° S. — JUNE - ZONE 11 (AMERICA, AFRICA)

1101	Nukualofa, Tonga	21 8	175 12	3·0	1015·6	1015·9	..	298·5	301·3	1st,12th	289·9	283·0	19th	294·2	*293·6*	..	147	..
1105	Rarotonga (Avarua)	21 12	159 46	6·1	..	..	..	299·9	302·4	4,13,17	291·0	287·4	27th,28th	295·4	*295·2*	+0·4	102	– 8
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1014·8	1017·6	0·0	288·1	290·6	13th	283·0	279·0	29th	285·5	*285·3*	–0·4	14	– 29
1122	Antofagasta	23 42	70 24	94	1005·8	1017·1	–0·6	290·0	291·0	4th,18th	283·0	281·0	30th	286·5	*286·3*	–1·4	0	– 2
1123	Catamarca	28 29	65 47	528	954·9	1016·7	+1·0	294·3	303·8	16th	277·5	268·3	29th	285·9	284·9	+0·5	0	– 4
1124	Salta	24 46	65 24	1173	884·8	1017·0	+1·3	294·2	304·0	16th,17th	274·6	266·8	30th	284·4	283·3	–1·1	1	– 2
1125	Goya	29 9	59 15	37	1014·2	1018·6	+1·4	297·3	306·0	17th	281·0	271·5	21st	289·2	*288·0*	+1·3	0	– 40
1126	Asuncion	25 17	57 41	139	1004·8	1021·2	+4·5	296·9	304·0	17th	286·2	274·6	22nd	291·6	*291·0*	+1·0	0	– 73
1127	Curityba	25 25	49 17	908	917·1	1020·2	+0·4	293·1	298·4	17th	276·8	269·8	22nd	285·0	*284·1*	–1·1	37	– 64
1128	Rio de Janeiro	22 54	W. 43 10	18·3	1017·2	1019·3	+0·3	297·0	302·0	14th	289·2	285·4	23rd	293·1	292·6	–0·9	16	– 41
1139	Windhoek	22 34	E. 17 6	1727	832·2	1019·2	..	292·7	294·9	17th	279·0	276·1	22,23,24	285·8	*285·0*	–0·3	0	– 1
1140	§O'Okiep	29 36	17 52	933	913·8	1020·4	+0·4	288·7	296·9	2nd	282·4	273·4	8th	285·6	*284·8*	+0·4	45	+ 16
1141	Kimberley	28 44	24 46	1218	884·8	1023·0	–0·9	290·3	296·4	2nd	276·4	269·4	26th	283·4	282·5	0·0	1	– 4
1141a	Johannesburg	26 11	28 4	1806	825·9	1023·5	–1·0	287·5	292·3	3rd	277·1	270·8	26th	282·3	*281·8*	–1·1	5	+ 1
1142	Bulawayo	20 9	28 35	1349	871·5	1020·7	–0·7	294·8	298·6	26th	279·6	276·3	6,23,24	287·2	286·6	+0·1	4	+ 3
1143	Durban	29 52	31 3	15·2	1017·8	1019·6	–3·2	295·9	300·4	5th	286·4	284·6	23rd	291·2	290·7	+0·5	19	– 10
1144	Lourenço Marques	25 58	32 36	59·5	..	1020·6	–1·7	298·8	304·6	6th	286·7	282·5	24th	292·7	*291·9*	+0·5	3	– 9
1145	Tuléar	23 20	43 40	6	..	1019·2	..	300·2	303·0	20th	286·2	283·0	25th,26th	293·2	..	..	1	..
1146	Fort Dauphin	25 1	46 58	14	..	1022·2	..	295·8	299·0	8th	290·4	287·1	4th	293·1	*292·7*	..	124	..
1147	Mauritius	20 6 S.,	57 33 E.	55·2	1012·3	1018·8	0·0	297·7	300·1	13th	290·7	286·0	3rd,23rd	294·2	293·9	+0·3	74	+ 13
		°	°	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

§Change of normals, see Table of Authorities, pages 105-15.

JUNE - ZONE 11 (AUSTRALIA) — TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1015·1	1015·7	+0·3	299·8	303·7	27th	285·3	280·3	25th	292·6	..	+0·7	5	− 40
1160	Cue	27 27	117 52	454	967·4	1020·0	+1·9	293·8	298·6	12th	281·6	277·4	22nd	287·7	..	+1·1	18	− 16
1161	Nullagine	21 53	120 5	386	974·1	1018·2	+1·1	298·4	301·9	8,9,11	281·3	274·1	25th	289·9	..	+0·6	0	− 24
1162	Laverton	28 40	122 23	466	965·5	1019·2	−0·5	293·8	299·7	13th	280·2	274·7	17th	287·0	*286·9*	+1·7	9	− 15
1163	Alice Springs	23 38	133 35	579	952·4	1018·9	+0·3	293·7	298·6	10th	278·2	272·2	20th	286·0	*285·7*	+0·6	1	− 13
1164	William Creek	28 55	136 21	76·2	1012·0	1021·0	+1·4	294·1	298·7	13th	279·6	273·6	20th,25th	286·8	*286·5*	+1·5	0	− 16
1164a	Boulia	22 55	139 38	146	1000·1	1017·3	+0·8	296·3	301·1	16th	281·6	275·9	26th	288·9	*288·6*	−0·2	9	− 3
1165	Thargomindah	27 58	143 43	123	1004·6	1019·2	+0·8	293·6	297·6	17th	279·5	274·9	25th	286·6	*286·3*	+0·3	2	− 19
1166	Mitchell	26 32	147 52	336	980·4	1020·4	+1·0	292·0	295·2	8th,16th	275·7	270·0	19th	283·8	..	−1·1	29	− 15
1167	Rockhampton	23 24	150 30	11·3	1016·5	1017·9	+0·2	296·6	299·1	30th	284·1	278·4	26th	290·3	*289·5*	−0·6	39	− 25
1168	Brisbane	27 28	153 2	41·8	1014·6	1018·9	+0·7	293·9	296·1	5th	283·6	276·3	28th	288·8	*288·3*	+0·1	35	− 36
1170	Norfolk Island	29 4 S.	167 59 E.	14·9	1017·5	1019·4	+2·2	292·0	294·1	1st	288·2	284·5	23rd	290·1	*289·8*	0·0	115	− 34

JUNE - ZONE 12 — BETWEEN LATITUDE 30° S. AND 40° S.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1221	Juan Fernandez	33 37	78 52	6	1019·9	1020·6	+3·6	290·4	295·5	4th	284·0	279·0	20th	287·2	*287·0*	+0·3	79	− 93
1221a	Punta Tumbes	36 37	73 6	120	1003·3	1017·9	+1·9	285·4	288·8	5th	281·2	275·8	19th	283·3	*283·0*	−0·2	149	− 3
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1012·8	1017·8	+0·3	290·0	297·6	24th	281·9	277·5	Sev.dates	285·9	*285·3*	+0·8	70	− 79
1222a	Santiago	33 27	70 42	520	957·3	1019·1	+0·8	287·8	294·1	3rd	276·6	271·5	28th	282·2	*281·2*	+0·3	82	− 1
1223	Cordoba	31 25	64 12	423	967·1	1017·2	+0·1	292·7	300·9	25th	275·8	266·8	20th	284·2	*283·7*	+0·9	0	− 7
1224	Bahia Blanca	38 45	62 16	28·7	..	..	..	..	..	..	..	..	..	..	..	..	11	− 12
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1015·0	1018·1	−0·2	288·7	295·4	10th	278·4	269·7	28th	283·6	*283·2*	+0·4	1	− 63
1226	Montevideo (Prado)	34 52	56 12	24·9	..	1019·5	+2·4	288·1	296·0	10th,11th	278·9	270·0	29th	283·5	*283·6*	−0·3	12	− 66
1226a	Porto Alegre	30 2	W. 51 13	23·5	1016·8	1019·6	+0·4	292·3	302·6	17th	280·6	276·4	20th	286·5	*285·9*	−0·8	137	+ 13
1239	Cape Town	33 56	E. 18 29	12·2	..	1018·8	−1·0	289·0	293·8	17th	281·4	275·5	28th	285·2	*284·0*	−1·0	120	+ 6
1240	Klaver	31 47	18 37	41·8	1016·4	1021·5	−1·3	291·6	301·2	18th	280·3	276·9	9th	285·9	..	−2·5	59	+ 26
1241	Riversdale	34 6	21 16	105	1006·7	1019·4	..	292·4	299·6	3rd	276·6	272·2	28th	284·5	..	−1·1	18	− 18
1242	ǂEast London	33 1	27 54	45·4	1012·5	1017·9	−2·9	294·2	303·6	4th	282·3	277·1	28th	288·3	..	−0·5	10	− 24
1259	Perth (Observatory)	31 57	115 51	60·0	1009·6	1016·8	−1·1	291·8	294·8	24th	284·8	279·2	20th	288·3	*288·4*	+1·5	166	− 13
1260	Katanning	33 42	117 35	310	978·8	1015·8	−1·2	289·0	291·3	4,12,24	282·0	274·8	21st	285·5	..	+1·7	138	+ 63
1261	Coolgardie	30 57	121 10	423	969·4	1018·9	+0·2	290·4	296·9	26th	281·6	276·9	16th	286·0	*285·9*	+1·4	15	− 15
1262	Eucla	31 45	128 58	4·6	1017·6	1018·2	−0·3	293·2	301·3	13th	281·8	275·8	16th	287·5	*287·2*	+1·2	26	− 1
1263	Streaky Bay	32 48	134 13	13·1	1019·0	1020·4	+1·4	291·1	294·9	10th	282·3	278·0	17th,18th	286·7	*286·4*	+1·0	15	− 57
1264	Adelaide	34 56	138 35	42·7	1015·3	1020·5	+1·1	290·2	295·7	14th	281·7	277·1	22nd	285·9	*285·8*	+0·9	34	− 44
1265	ǂMelbourne	37 49	144 58	35·1	1016·1	1020·4	+1·9	287·8	291·8	5th	279·8	274·6	4th	283·8	*283·4*	+0·8	38	− 14
1266	Bourke	30 13	145 58	110	1009·6	1022·9	+1·6	292·4	296·9	16th	278·5	273·0	26th	285·4	..	+0·2	6	− 24
1267	ǂSydney	33 51	151 13	42·1	1014·8	1019·7	+2·0	290·4	295·0	16th	282·2	275·9	26th	286·3	*285·6*	+0·5	48	− 75
1268	Lord Howe Island	31 20	159 0	4·9	1017·2	1017·7	+0·5	291·9	294·4	25th	286·7	281·6	14th	289·3	..	−0·3	251	+ 60
1271	Auckland	36 51	174 48	40·8	..	1017·7	+3·2	286·6	290·8	1st	280·1	275·2	17th	283·3	..	−1·6	68	− 58
1272	Napier	39 29 S.	176 55 E.	1·5	..	..	..	285·5	291·9	26th,27th	277·8	273·3	14th	281·7	..	−0·8	6	− 84

JUNE - ZONE 13 — BETWEEN LATITUDE 40° S. and 50° S.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1301	Chatham Island	43 57	176 31	45·7	1007·2	1012·8	+3·5	..	..	..	..	..	..	..	..	..	100	+ 9
1321	Isla Guafo	43 34	74 45	140	995·7	1012·7	+0·2	282·2	284·7	6th	278·9	275·0	26th	280·5	*280·7*	−0·2	160	+ 40
1322	Punta Galera	40 1	73 44	40	1011·7	1016·6	+2·0	284·6	288·2	24th	280·4	274·0	19th	282·5	*282·4*	−0·1	266	− 75
1323	Sarmiento	45 33	69 1	272	976·9	1010·1	−1·3	281·2	289·0	6th	272·4	263·4	18th	276·8	*277·1*	+0·8	9	− 7
1324	Puerto Madryn	42 46	W. 65 2	14	1010·2	1011·9	−0·4	285·9	294·4	25th	274·9	269·2	20th	280·4	*280·5*	+0·1	7	− 11
1365	Launceston	41 27	E. 147 10	81·1	1009·2	1019·0	+3·6	285·7	290·8	9th	278·2	269·7	27th	281·9	*281·4*	+1·2	32	..
1366	ǂHobart	42 53	147 20	53·9	1011·2	1017·8	+3·6	284·7	290·2	15th	278·6	273·7	30th	281·6	*281·1*	+0·3	35	− 21
1369	Invercargill	46 25	168 21	3·7	..	..	..	281·7	288·6	4th	274·3	269·7	19th,20th	278·0	..	−0·9	43	− 48
1370	Alexandra	45 15	169 24	159	..	..	..	277·5	284·7	3rd	271·2	266·9	17th	274·3	*274·1*	..	13	..
1371	Dunedin	45 52	170 31	6·1	..	1017·6	+4·2	281·9	286·6	23rd	275·9	271·3	21st	278·9	..	−0·7	87	+ 5
1371a	Christchurch	43 32	172 39	7·6	..	1017·4	+4·9	281·3	286·3	29th	274·4	268·8	21st	277·9	..	−1·5	51	− 17
1372	Wellington	41 16 S.	174 46 E.	127	1000·9	1016·5	+2·7	283·3	286·9	1st	278·6	274·7	13th	280·9	280·7	−1·8	70	− 51

JUNE - ZONE 14 — BETWEEN LATITUDE 50° S. AND 60° S.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1421	Islota de los Evangelistas	52 24	75 6	55	993·0	999·7	−2·7	279·6	281·2	5th	277·9	274·0	21st	278·7	*278·9*	+1·3	139	− 73
1422	Magallanes	53 10	70 54	8	999·3	1000·3	−2·7	278·2	282·6	20th	273·4	268·6	14th	275·8	*275·7*	+0·3	92	+ 64
1423	Punta Dungeness	52 24	68 26	5	998·8	999·4	−2·3	278·4	281·7	4th,8th	274·6	271·5	25th	276·5	*276·5*	+0·2	28	+ 9
1424	Santa Cruz	50 1	68 31	13	1004·3	1005·9	+0·5	278·8	285·6	5th	273·7	269·6	26th	276·2	*275·8*	+0·9	72	+ 59
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1000·3	−3·2	277·6	281·9	19th	272·3	267·4	18th	274·9	..	−0·3	51	− 3
1426	Cape Pembroke	51 41	57 42	21·3	996·6	999·2	−3·5	278·4	281·9	9th	273·4	268·0	18th	275·9	276·1	0·0	..	..
1429	S. Georgia (Cumberland Bay)	54 16 S.	36 30 W.	4	995·0	995·5	−2·8	274·8	281·0	21st	270·9	262·6	19th	272·9	*272·0*	+0·6	232	+107

JUNE - ZONE 15 — BETWEEN LATITUDE 60° S. AND 70° S.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1527	South Orkneys	60 43	44 47	7	995·3	996·2	−0·3	265·4	274·2	1st,22nd	257·0	234·7	18th	261·2	261·2	−2·1	34	+ 6

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

ǂChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE
FOR THE MONTH OF JULY 1933
BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 90° N. AND 80° N. — JULY - ZONE 0

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
047	Calm Bay	80 20	52 48	5·9	1003·2	1003·9	..	..	279·1	..	..	270·2	..	..	*273·6*	..	21	..

BETWEEN LATITUDE 80° N. AND 70° N. — JULY - ZONE 1

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangel Insel	70 58	178 33	3·0	1009·1	1009·5	−0·7	278·7	285·3	..	273·1	269·8	..	275·9	*275·1*	−0·3	31	+ 10
105	Barrow	71 23	156 17	4·6	..	1008·4	−3·5	280·1	291·3	30th	273·7	269·7	18th	276·9	..	−0·6	4	− 20
121	Pond Inlet	72 43	78 30	4·0	..	1007·3	..	280·6	287·4	9th	274·8	273·0	28th	277·7	*277·7*	−0·9	106	..
125	Upernivik	72 47	56 7	19·2	1006·0	1008·3	−3·2	283·7	290·4	24th	277·3	274·0	1st,2nd	280·5	*280·0*	+2·0	64	+ 41
131	Myggbukta	73 29	21 34	3·2	..	1007·1	..	..	292·5	7th	276·0	271·2	4th	..	*278·9*	..	10	..
132	Scoresbysund	70 29	21 58	16·9	1005·2	1007·2	−2·8	282·6	289·5	23rd	275·5	271·5	3rd	279·1	*279·1*	+0·9	..	..
135	Jan Mayen	70 59	W. 8 18	23·1	1006·8	1009·6	0·0	..	285·4	7th	277·3	275·1	3rd	..	*279·1*	+0·7	21	− 2
139	Svalbard Radio	78 13	E. 15 38	53·0	999·8	1006·3	−6·2	..	285·2	19th	277·5	274·9	7th	..	*279·3*	..	10	..
140	Bjornoen	74 28	19 17	29·2	1003·9	1007·5	−3·3	..	288·3	19th	275·9	272·9	11th	..	*278·0*	+0·2	20	0
141	Ingoy	71 4	24 9	4·3	1008·2	1008·7	−1·9	..	293·5	19th	281·3	277·6	4th	..	*283·0*	0·0	70	+ 35
142	Sletnes	71 5	28 14	10·2	1008·0	1009·2	−2·9	..	294·8	20th	280·4	275·5	26th	..	*282·5*	..	44	..
143	Vardö	70 22	31 6	12·1	1008·0	1009·5	−2·7	..	292·1	20th	280·6	277·7	5th	..	*282·7*	+1·0	75	+ 30
147	Malye Karmakouly	72 23	52 44	15·3	1006·8	1008·6	−4·1	..	289·6	..	..	273·6	..	..	*279·6*	+0·5	30	+ 5
148	Vaigatch	70 24	58 48	11·2	1007·8	1009·1	−1·8	285·0	296·1	..	276·9	273·3	..	280·9	*280·0*	+2·4	38	+ 10
149	Russian Harbour	76 14	62 39	9·3	1005·9	1007·0	..	..	286·1	..	..	271·2	..	..	*276·3*	..	14	..
150	Cape of Desire (Zhelanya)	76 57	68 34	8·0	1005·1	1006·1	..	..	287·3	..	..	270·1	..	..	*275·0*	..	22	..
153	Dikson	73 30	80 23	13·0	1006·3	1007·9	−2·1	277·7	284·6	..	273·1	270·1	..	275·4	*275·1*	−2·2	33	+ 8
162	Bulun	70 45	127 47	35	1003·9	1008·1	+0·1	..	299·6	..	..	273·7	..	..	*283·8*	−1·7	..	..
165	Great Liakhov Is. (Cape Shalaurov)	73 11 N.	143 14 E.	7	1005·8	1006·7	..	..	287·7	..	..	271·0	..	..	*275·6*	..	20	..

BETWEEN LATITUDE 70° N. AND 60° N. — JULY - ZONE 2

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
201	Cape Otto Schmidt	68 55	179 30	7·0	..	..	..	284·1	297·1	..	273·8	271·6	..	278·9	*278·1*	..	51	..
202	Savoonga	63 43	170 20	5·5	..	..	..	..	..	..	2276·9	272·4	3rd	..	..	..	0	..
203	Nome	64 30	165 24	6·7	1012·2	1012·5	+1·7	285·0	293·0	28th	278·3	274·7	16th	281·7	*281·4*	−1·4	12	− 61
204	Bethel	60 45	161 47	11·6	..	1015·2	+3·0	290·8	296·3	21st	281·9	276·3	2nd	286·3	..	+0·9	4	− 64
205	Tanana	65 10	152 6	69·5	1004·4	1012·2	−0·2	294·7	303·6	29th	278·3	272·4	11th	286·5	*286·5*	−1·1	26	− 34
206	Rampart	65 30	150 15	114	..	..	..	291·8	301·9	27th	279·6	272·4	10th	285·7	..	−3·0	19	− 17
206a	Holy Cross	62 16	159 50	15·2	..	..	..	293·9	298·6	23rd	282·0	275·8	2nd	287·9	..	+1·5	22	− 49
207	Cordova	61 31	145 36	13·1	..	1014·9	+0·4	288·8	296·3	1st,2nd	282·7	278·6	2nd	285·8	..	+0·1	101	−108
208	Fairbanks	64 51	147 39	138	994·9	1011·8	..	293·8	304·1	28th	281·4	275·2	19th	287·6	*287·7*	−0·8	35	− 14
209	Dawson	64 4	139 29	324	973·1	1011·2	..	295·0	302·4	27th	279·2	274·7	2,9,20	287·1	*287·1*	−1·1	16	− 23
210	Aklavik	68 14	134 50	7·6	1008·8	1009·7	..	289·9	300·8	28th	279·9	273·6	8th	284·9	*284·3*	..	61	..
211	Fort Good Hope	66 15	128 38	65·2	1004·7	1012·5	..	293·2	300·8	27th	279·4	274·1	3rd,21st	286·3	*287·7*	−2·0	55	+ 34
212	Fort Simpson	61 52	121 15	126	994·2	1009·2	..	294·3	304·7	16th	281·0	275·2	21st	287·7	*287·5*	−1·7	16	− 29
213	Hay River	60 51	115 57	161	990·7	1009·8	..	290·9	301·9	16th	281·9	276·3	21st	286·4	*286·8*	−1·9	26	− 8
214	Coppermine	67 49	115 10	4·6	1008·6	1009·2	..	285·4	295·2	4th	276·6	273·6	19th	281·0	*280·9*	..	29	..
218	Chesterfield	63 45	91 50	4·0	1007·3	1007·8	..	285·8	294·1	30th	277·4	274·1	3,5,10	281·6	*281·4*	−0·5	59	..
221	Nottingham Island	63 7	77 56	16·5	1007·4	1009·4	..	283·0	288·6	22nd	274·9	272·4	1st	278·9	*279·1*	..	23	..
223	Hope's Advance	61 5	69 33	73·2	997·9	1006·8	..	284·2	297·4	12th	276·1	270·2	1st	280·1	*280·2*	..	57	..
224	Resolution Island	61 18	64 53	38·7	1002·0	1006·8	..	279·2	284·7	21st,22nd	274·1	270·8	1st,6th	276·7	*276·7*	..	45	..
225	Jacobshavn	69 13	51 2	31·6	1002·4	1006·2	−4·8	284·8	289·2	22nd,23rd	278·6	273·7	1st	281·7	*282·3*	+1·6	62	+ 31
226	Godthaab	64 10	51 43	20	..	..	..	287·0	290·8	19th	276·4	272·1	1st	281·7	*281·7*	+2·1	0	− 59
227	Ivigtut	61 12	48 10	30·0	1003·2	1006·8	−3·5	288·9	293·3	9th	279·1	275·0	1st,2nd	284·0	*283·9*	+1·0	2	− 81
229	Angmagsalik	65 36	37 33	29·3	1003·2	1006·8	−4·2	286·2	291·5	24th	277·5	272·0	5th	281·9	*281·5*	+1·7	3	− 38
231	Stykkisholm	65 5	22 46	25	..	1007·8	−2·5	288·7	291·4	31st	282·9	279·2	2nd	285·8	*285·3*	+2·6	34	− 4
232	Vestmanno	63 24	20 17	122	..	1008·7	−1·3	286·7	290·9	11th	282·6	279·1	2nd,5th	284·7	*284·6*	+1·6	82	+ 3
233	Grimsey	66 33	18 1	22	..	1007·9	−2·9	286·9	291·7	7th	280·9	277·5	16th	283·9	*283·3*	+3·1	1	− 27
233a	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	18	..
234	Teigarhorn	64 41	14 22	18	..	1009·0	−1·6	290·2	296·8	10th	282·6	279·9	30th	286·4	*285·1*	+3·3	50	− 16
235	Højvig	62 3	6 45	22·9	1008·2	1010·9	−0·7	287·1	290·7	19th	283·3	280·2	12th	285·2	*285·1*	+1·6	49	− 32
236	Lerwick	60 9	W. 1 8	48·8	..	1012·0	+0·8	288·9	293·0	7th	284·7	283·0	14,18,29	286·8	*286·5*	+2·0	51	− 7
237	Bergen, Fredriksberg	60 24	E. 5 19	44·4	1007·5	1012·8	+1·5	293·0	300·7	6th	286·3	283·0	31st	289·7	*289·0*	+1·9	218	+100
238	Ona	62 52	6 33	14·6	1010·1	1011·9	+0·1	..	295·7	8th	285·7	282·5	4th	..	*287·1*	+2·1	95	+ 20
239	Trondheim	63 26	10 25	59·2	1004·1	1011·1	−0·4	292·7	303·0	8th	285·2	281·2	21st	288·9	*288·5*	+1·5	115	+ 57
240	Bodo	67 17	14 26	17·0	1007·5	1009·5	−1·9	..	298·4	10th	283·5	279·3	4th	..	*286·2*	+0·7	64	− 1
241	Haparanda	65 50	24 9	9·2	1007·6	1008·7	−1·6	293·8	301·2	8th	285·8	279·5	31st	289·8	*289·4*	+1·3	64	+ 18
242	Helsingfors	60 10	24 57	11·7	1010·0	1011·4	+0·6	295·4	304·5	9th	287·5	281·4	5th	291·5	*290·9*	+1·3	61	+ 4
242a	Kuopio	62 55 N.	27 40 E.	233	982·8	1010·1	−0·2	294·5	304·2	10th	286·3	280·0	5th	290·4	*289·5*	0·0	61	− 5

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

JULY - ZONE 2 cont. TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 70° N. AND 60° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
243	Kola	68 53	33 1	6·7	1007·6	1008·4	–2·7	292·5	299·2	19th	283·5	276·5	5th	288·0	*287·7*	+2·4	54	+ 7
244	Petrozavodsk	61 47	34 23	79·0	..	..	..	296·3	303·9	11th	286·7	278·7	6th	291·5	*290·9*	+1·7	127	+53
245	Arkhangelsk	64 34	40 31	6·3	1008·8	1009·6	–1·0	296·8	304·1	19th	287·4	278·8	5th	292·1	*291·2*	+2·5	153	+93
246	Mezen	65 50	44 16	17·4	1007·8	1009·9	0·0	294·7	303·4	13th	284·5	277·3	6th	289·6	*288·9*	+2·3	97	+50
247	Oust-Tsylma	65 25	52 18	73·8	1001·5	1010·3	–0·1	296·4	303·6	14th	285·1	277·0	10th	290·8	*290·2*	+3·2	51	–18
248	Tcherdyn	60 24	56 31	208	986·6	1010·6	+1·5	299·0	304·5	1st	287·1	280·3	10th	293·0	*292·2*	+2·2	16	–45
249	Berezov	63 56	65 4	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249a	Yugor Strait	69 49	60 45	13·0	1007·9	1009·5	–1·1	287·0	296·7	..	277·0	272·5	..	282·0	*282·2*	+3·1	15	–11
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	..	..	..	..	..	..	..	..	..	..	..	..	..	..
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Viliouisk	63 45	121 35	120	992·3	1006·4	..	295·3	302·8	10th	284·2	279·4	26th	289·8	*289·3*	–1·9	45	+10
262	Iakoutsk	62 1	129 43	108	993·1	1005·6	+0·6	295·8	303·9	11th	284·4	277·9	7th	290·1	*290·1*	–1·7	42	+ 2
263	Verkholansk	67 33	133 24	100	987·9	999·6	–4·9	294·4	303·7	13th	281·6	272·4	28th	288·0	*287·9*	–0·6	38	+12
264	Petropavlovskoe	60 25	134 28	?163	985·6	1005·0	..	295·9	306·4	5th	285·1	276·3	29th	290·5	*290·1*	..	134	..
268	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45	177 33	17·2	..	..	..	287·5	299·6	13th	280·4	275·8	3rd	284·0	*283·7*	–0·3	30	– 4

JULY - ZONE 3 BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude N.	Longitude W.	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
302	St. Paul Island	57 15	170 10	5·8	..	1014·2	+1·8	282·4	285·8	26th	278·4	274·7	13th	280·4	..	0·0	29	–45
303	Dutch Harbor	53 55	166 30	4·0	1015·2	1015·6	+1·4	287·1	296·3	25th	279·4	275·8	3rd	283·2	*282·7*	–0·6	21	–30
305	Dillingham	59 0	158 28	24·4	..	..	..	291·6	298·6	23rd, 24th	280·7	275·2	8th	286·1	..	+0·3	51	–24
306	Kodiak	57 48	152 22	4·6	1012·5	1013·2	–1·2	288·9	294·7	25th, 26th	281·9	278·6	5th	285·4	*284·9*	+0·1	108	+30
309	Sitka	57 3	135 19	4·6	..	..	..	289·1	294·7	16th	281·6	279·1	1, 2, 13	285·3	..	–0·4	114	+ 8
310	Prince Rupert	54 18	130 18	51·8	1011·8	1018·1	–0·1	288·4	295·2	31st	281·1	278·6	11th	284·8	*285·0*	–1·4	156	+29
311	Prince George	53 50	122 48	570	948·7	1014·8	..	294·7	303·0	24th	279·7	274·1	9th	287·2	*287·1*	–1·0	37	+ 6
312	Kamloops	50 41	120 20	385	970·7	1014·9	–0·7	301·0	310·2	24th	285·5	279·1	30th	293·3	*293·3*	–0·8	12	–13
313	Calgary	51 2	114 2	1079	889·4	1008·3	–2·9	297·9	309·1	25th	281·6	275·8	20th	289·7	*289·5*	+0·5	13	–53
314	Fort Smith	60 0	111 52	207	985·3	1009·7	..	294·9	301·9	16th	280·6	275·2	7th, 16th	287·7	*287·8*	–0·8	105	+54
315	Prince Albert	53 10	105 45	436	960·7	1011·0	–0·8	297·5	304·7	26th	284·8	278·6	22nd	291·2	*290·7*	+1·1	35	–22
316	Qu'Appelle	50 31	103 56	654	936·5	1010·0	–2·1	299·2	309·7	27th	283·9	277·4	22nd, 23rd	291·6	*291·5*	+1·1	20	–50
317	Minnedosa	50 15	99 50	515	953·4	1012·1	0·0	299·6	308·0	26th	284·7	277·4	21st, 22nd	292·1	*292·5*	+1·4	51	–15
318	Berens River	52 18	97 2	219	..	..	..	298·3	305·2	2nd	286·3	278·6	25th	292·3	..	+1·0	80	+15
318a	Churchill	58 46	94 13	13·1	1008·8	1010·4	..	291·2	300·8	18th	280·6	274·1	1st	285·9	*286·1*	..	50	..
319	Pagwa	50 3	85 18	189	..	..	..	300·5	304·1	7th	278·1	273·6	3rd	289·3	..	–0·4	64	– 3
320	Moose Factory	51 14	80 30	8·8	..	..	..	296·7	307·4	21st	280·6	271·3	2nd	288·7	*290·2*	–0·6	..	..
320a	Moosonee	51 13	80 31	8·8	..	1014·5	..	294·8	305·2	5th, 21st	281·7	272·4	2nd	288·3	*288·4*	..	70	..
321	Fort George	53 50	79 5	97·5	..	..	..	290·3	300·8	21st	279·6	274·1	1st	284·9	*285·2*	–0·5	92	..
322	Mistassini Post	50 30	73 55	383	..	..	..	294·2	301·3	5th	282·8	274·7	2nd	288·5	..	–0·3	83	–13
323	Fort Chimo	58 10	68 10	15·2	1005·9	1007·7	..	292·6	304·7	22nd	278·8	271·9	1st	285·7	*285·9*	–0·2	..	..
324	Natashkwan	50 14	61 48	6·1	..	..	..	292·6	298·6	15th	282·8	274·1	1st	287·7	..	+0·8	21	–59
326	Belle Isle	51 53	55 23	130	..	..	..	..	293·6	27th	..	271·9	3rd	..	..	..	93	–33
334	Valentia Observatory	51 56	10 15	13·7	1015·5	1017·1	+1·6	292·0	297·7	5th	287·1	*288·2*	1st	289·5	289·6	+1·7	100	+ 1
335	Aberdeen	57 10	W. 2 6	26·0	1010·5	1013·6	+1·1	292·9	299·0	3rd	286·2	283·2	30th	289·5	289·4	+3·0	78	+ 4
336	Greenwich	51 29	0 0	46·3	..	1017·8	+2·2	298·8	308·0	27th	286·8	284·1	1st, 15th	292·8	292·1	+2·3	35	–22
337	Uccle	50 48	E. 4 22	100	1006·9	1018·7	+2·8	297·7	307·4	27th	285·7	279·6	1st	291·7	291·1	+1·4	66	–23
338	De Bilt	52 6	5 11	3·0	1017·3	1017·7	+2·4	296·8	307·0	27th	286·4	279·8	1st	291·6	291·1	+1·3	38	–39
338a	Hamburg	53 33	9 58	40·3	1012·6	1017·4	+3·2	296·4	304·4	9th	287·5	283·5	1st	291·9	291·3	+1·1	79	– 7
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1014·4	1015·0	+2·1	295·6	301·3	8th	286·9	283·4	22nd	291·3	*291·2*	+2·8	74	+13
340	Potsdam	52 23	13 4	84·9	1007·1	1017·1	+2·7	297·8	306·7	28th	287·0	282·2	1st	292·4	292·1	+1·4	48	–34
340a	Uppsala	59 51	17 38	24	1007·9	1010·7	+0·1	297·8	310·4	9th	285·8	280·3	4th	291·8	291·6	+2·0	105	+37
341	Warsaw	52 13	21 3	88·3	1005·4	1015·8	+1·7	297·3	306·1	28th	287·7	282·7	5th	292·5	292·6	+0·4	54	–20
342	Tartu	58 23	26 43	80·8	1002·7	1012·2	+1·2	296·8	304·9	10th	285·9	279·7	4th	291·4	291·4	+1·4	46	–35
343	Leningrad	59 58	30 17	8·6	1011·0	1012·0	+1·4	295·8	303·0	12th	287·6	281·1	6th	291·7	*291·5*	+1·1	76	+12
344	Moscow	55 50	37 33	167·2	993·5	1012·9	+2·3	297·8	304·0	18th	287·7	282·5	5th	292·8	*292·4*	+1·4	71	– 6
345	Saratov	51 34	46 0	135	994·2	1009·6	0·0	302·8	310·2	19th	290·0	286·0	11th	296·4	*295·5*	+1·8	31	..
346	Kazan	55 47	49 8	82·4	1001·0	1010·5	+0·1	302·3	308·4	18th	290·2	285·2	10th	296·2	*295·6*	+2·7	66	+10
347	Orenburg	51 45	55 6	109	995·2	1007·7	–2·0	304·8	311·6	19th	290·1	284·9	12th	297·4	*297·1*	+2·2	34	0
348	Perm	58 1	56 16	159	991·1	1009·5	+0·1	301·4	307·0	14th	288·0	279·3	9th	294·7	*293·9*	+3·0	48	–26
349	Sverdlovsk	56 50	60 38	281	976·3	1008·6	+0·6	299·0	306·5	18th	287·5	281·6	11th	293·2	*292·4*	+2·4	69	– 5
350	Tobolsk	58 12	68 14	108	997·1	1008·7	+0·3	299·2	305·5	17th	288·2	280·8	11th	293·7	*291·9*	+0·8	34	–47
351	Akmolinsk	51 12	71 23	347	965·6	1005·7	–2·4	301·4	306·9	18th	287·1	280·2	13th	294·2	*293·6*	+0·4	79	+40
352	Omsk	55 1	73 19	108	994·0	1006·2	–1·6	299·7	305·3	18th	286·5	277·9	13th	293·1	*292·8*	+0·4	101	+45
353	Barnaoul	53 20	83 47	158	988·2	1006·5	+0·8	299·2	306·0	23rd	286·0	279·2	16th	292·6	*292·3*	0·0	74	+19
354	Tomsk	56 30	84 58	123	992·2	1006·5	–0·6	297·5	304·6	24th	285·9	278·8	14th	291·7	*291·0*	+0·2	109	+36
355	Minousinsk	53 43	91 41	249	977·5	1006·1	–0·4	300·1	307·0	23rd	284·6	276·7	6th	292·4	*292·5*	–0·8	27	–26
356	Eniseisk	58 27	92 10	78	998·0	1007·2	+1·1	297·0	306·0	24th	283·2	275·0	14th	290·1	*290·9*	–1·0	45	–17
357	Irkutsk	52 16	104 19	467	953·5	1007·0	+0·5	296·7	304·4	26th	283·0	275·6	15th	289·8	*289·1*	–1·2	37	–47
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	665	930·2	1004·9	+1·2	297·7	304·3	29th	284·3	278·7	17th	291·0	*290·1*	–1·5	45	–39
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		°N.,	°E.,	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics.
‡See Table of Authorities, Remarks, pages 105-15.

JULY - ZONE 3 cont. TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude N.	Longitude E.	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
361	Tygan Ourkan	54 5	124 46	379	961·9	1005·5	–0·2	297·4	305·8	2nd	282·6	272·0	29th	290·0	*290·1*	–0·9	121	+12
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	989·2	1005·5	0·0	300·1	306·3	8th	289·5	282·3	29th	294·8	*294·5*	+0·2	110	– 3
364	Chantar Bolchoy	54 50	137 30	?20	..	..	..	..	..	..	..	..	..	..	*281·4*	..	..	..
365	Nikolaevsk–sur–Amour	53 8	140 43	42·2	1002·6	1007·6	+0·5	295·1	304·8	31st	285·5	281·3	24th	290·3	*289·7*	+0·3	44	– 7
366	Okhotsk	59 21	143 17	5·5	1009·6	1010·3	+1·0	285·5	292·6	30th	281·8	279·2	3rd	283·6	*282·7*	–1·9	61	+ 6
368	Petropavlovsk (Phare)	52 53	158 43	87·1	1001·1	1011·6	+1·7	287·0	299·1	6th	281·3	279·0	22nd	284·2	*282·9*	–0·5	74	– 6
369	Kluchevskoye	56 21	160 48	23·5	1009·0	1011·8	..	..	..	..	282·6	277·6	7th	..	*286·7*	..	84	..
370	Nikolskoe	55 12	165 59	6·8	1011·1	1011·9	..	..	..	..	280·1	276·0	1st	..	*281·6*	..	61	..
		N.	E.															

JULY - ZONE 4 BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station	Latitude N.	Longitude W.	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	69·5	1009·1	1017·5	+0·6	292·0	300·2	14th	283·4	281·9	9th	287·7	*287·2*	–0·9	29	+18
412	Portland, Oregon	45 32	122 41	46·6	1011·8	1016·9	0·0	299·2	307·4	15th	285·8	284·1	22nd	293·0	*292·8*	+0·8	0	–15
413	Macleod	49 44	113 24	953	..	..	..	302·0	310·8	26th	284·8	276·3	30th	293·4	*293·8*	+2·0	7	–43
414	Helena	46 34	112 4	1257	874·0	1012·2	–0·8	303·1	310·2	25th	287·1	280·8	1st	295·1	*295·4*	+2·2	10	–19
414a	Salt Lake City	40 46	111 54	1328	867·2	1011·2	0·0	307·4	311·3	25th	293·3	286·9	1st	300·4	*300·5*	+2·6	5	– 8
415	Cheyenne	41 8	104 48	1857	817·1	1013·9	+0·6	301·5	306·9	29th	286·9	281·9	23rd	294·2	*294·3*	+1·6	33	–18
416	North Platte	41 8	100 45	860	916·7	1013·2	–0·7	306·3	313·0	28th	289·1	281·9	21st	296·3	*296·7*	+2·2	41	–16
416a	Bismarck	46 47	100 48	510	953·9	1012·8	–0·8	303·4	311·9	28th	286·8	281·3	21st	293·6	*293·6*	+1·5	41	–38
417	Winnipeg	49 53	97 7	232	985·6	1012·4	..	300·4	305·8	10th	286·8	281·3	3rd	291·5	*291·2*	+0·6	104	+ 8
418	Duluth	46 47	92 6	345	974·2	1014·9	+0·7	297·1	304·7	13th	285·9	281·3	3rd	291·5	*291·2*	+0·6	104	+ 8
419	Port Arthur	48 27	89 12	196	991·5	1014·4	+0·9	295·6	305·8	12th	285·7	280·8	16th, 18th	290·6	*290·6*	+0·6	162	+68
420	Chicago	41 47	87 35	205	992·2	1016·6	+1·4	301·3	307·4	23rd	293·2	288·6	17th	297·2	*296·6*	+0·9	69	–17
421	Toronto	43 40	79 24	116	1002·2	1015·7	+1·1	301·8	309·7	30th	289·7	285·8	3rd	295·7	*295·8*	+2·1	39	–33
422	₰New York (Central Park)	40 47	73 58	47·4	1010·9	1016·4	+0·9	302·2	311·9	31st	292·5	285·2	3rd	297·3	*296·9*	+0·1	94	–19
423	St. John, N.B.	45 17	66 4	36·3	1011·8	1016·1	..	294·9	299·1	31st	285·1	281·3	3rd	290·0	*289·6*	+0·9	22	–70
424	S.W. Point, Anticosti	49 24	63 33	9·1	1012·0	1013·1	..	289·8	294·7	18th	282·9	276·9	2nd	286·4	*286·9*	–0·3	54	–27
424a	Sable Island (Main Station)	43 57	60 6	7·6	1017·1	1018·0	..	291·1	296·3	29th	285·1	280·2	2nd	288·1	*287·7*	–0·1	48	–45
426	St. John's, Newfoundland	47 34	52 42	74·1	1005·7	1014·5	+0·9	293·8	299·7	17, 19, 23	283·6	276·3	1st	288·7	*288·7*	+0·5	60	–36
435	Madrid	40 24	3 41	667	942·2	1015·6	+0·9	306·7	310·0	25th	292·0	284·5	2nd	299·3	*297·8*	+3·1	1	– 7
436	Nantes	47 15	W. 1 34	36·5	1015·1	1019·3	+1·4	299·2	309·3	26th	287·3	282·4	17th	293·3	293·1	+1·9	15	–41
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1013·5	1019·4	+2·4	298·9	309·2	27th	287·6	283·4	1st	293·2	293·4	+2·3	59	+ 7
438	Marseille	43 18	5 23	75	..	1017·7	+2·6	302·1	306·2	9th	289·6	284·4	1st	295·9	*296·1*	+1·0	0	–17
438a	Zurich	47 23	8 33	493	962·7	1019·3	+2·5	299·5	305·8	28th	286·8	281·2	1st	293·2	292·2	+1·1	95	–35
439	Rome	41 54	12 29	45·5	1011·9	1017·1	+2·2	304·9	309·0	15th	292·3	287·8	3rd	298·6	*298·8*	+1·2	2	–15
440	Vienna	48 15	16 22	203	994·1	1017·8	+2·8	297·4	305·8	28th	288·2	284·1	7th	292·8	292·7	–0·4	73	– 6
440a	Budapest	47 31	19 1	130	1000·7	1015·8	+1·9	302·0	310·2	16th	289·1	284·7	1st	295·5	*295·1*	+0·6	37	–18
441	Sofia	42 42	23 20	550	953·0	1015·5	+1·7	298·2	303·4	16th, 30th	287·1	279·9	7th	292·7	*292·9*	–0·7	35	–37
442	Bucharest	44 25	26 6	82	1005·0	1014·5	+1·9	300·5	306·7	30th	288·8	281·6	5th	294·7	*294·1*	–1·6	115	+47
443	Odessa (Observatory)	46 26	30 46	42·8	..	..	..	298·3	304·6	29th	290·3	284·0	6th	294·3	*293·6*	–1·9	27	–22
444	Novorossiisk	44 44	37 49	37·1	1007·5	1011·8	+0·9	298·7	306·0	18th	291·4	285·3	8th	295·0	*294·9*	–1·5	111	+45
445	Tiflis	41 43	44 48	404	964·3	1009·7	–0·1	302·6	307·1	19th	292·0	286·1	2nd	297·3	*296·8*	–0·4	66	+17
446	Astrakhan	46 21	48 2	–20	1011·2	1008·9	–1·7	301·9	307·1	21st	292·7	290·0	5th	297·3	*296·8*	–0·7	85	+72
447	Fort Alexandrovsk	44 31	50 7	–23·0	1011·4	1008·7	–1·0	301·1	303·8	27th	294·6	290·7	2nd	297·8	*297·6*	–1·3	29	+14
448	Krasnovodsk	40 0	52 59	– 7·4	1008·6	1007·8	–0·2	306·7	312·0	22nd	296·1	289·6	1st	301·4	*300·3*	–1·2	0	– 5
449	Kasalinsk	45 46	62 7	66·7	997·4	1005·0	–2·2	306·9	311·2	5th	292·4	288·4	13th	299·6	*298·9*	+0·5	9	+ 2
450	Tashkent	41 20	69 18	479	950·2	1002·7	–1·1	309·3	312·2	11th	291·6	288·1	13th	300·4	*300·3*	+0·6	0	– 4
451	Andijan	40 44	72 20	496	947·2	1001·3	..	309·1	311·5	16th	294·3	290·8	8th	301·7	*300·2*	..	1	..
452	Alma Ata	43 16	76 55	848	913·0	1005·1	+0·2	303·4	307·5	21st	290·4	284·7	16th	296·9	*296·2*	..	27	– 8
459	Peiping	40 0	116 22	84·5	999·6	1009·2	..	303·4	310·7	15th	294·2	289·5	30th	298·8	298·6	..	169	..
461	Fengtien (Moukden)	41 47	123 24	44·3	1001·3	1006·4	+1·8	304·2	308·7	17th	294·1	286·9	30th	299·1	298·9	+1·2	119	–43
462	Joshin	40 40	129 12	31·9	1005·9	1009·6	+2·2	298·2	304·4	23rd	291·4	288·6	4th, 31st	294·8	294·0	+0·7	73	–41
463	Yuki	42 20	130 24	63·8	1002·0	1009·4	+1·8	296·3	306·4	23rd	290·2	284·8	31st	293·3	293·0	+0·4	92	–22
464	Vladivostok	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
465	Ochiai	47 20	142 47	27·4	1006·4	1009·6	+0·5	295·0	302·7	6th	286·2	281·8	16th	290·6	290·2	+2·0	140	+39
466	Nemuro	43 20	145 35	26·7	1008·6	1011·8	+1·7	293·1	301·6	22nd	285·4	281·5	3rd	289·3	289·3	+2·2	199	+103
466a	Syana	45 14	147 53	39·3	1007·0	1011·8	+1·2	293·1	298·7	27th	284·4	281·8	13th	288·7	288·1	+1·4	146	+72
		N.	E.															

ZONE 5 (AMERICA) BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude N.	Longitude W.	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
511	San Francisco	37 48	122 26	47·2	1006·4	1012·2	–2·2	292·2	300·8	11th	284·3	282·4	25th	288·3	287·4	+1·2	0	– 1
512	Sacramento	38 35	121 30	20·1	1006·8	1009·1	–2·3	308·3	316·3	26th	288·4	284·7	2nd	298·3	*298·6*	+2·4	0	– 1
513	San Diego	32 43	117 10	26·5	1008·8	1011·8	–1·1	294·2	298·6	26th	289·0	287·4	1st	291·6	*291·3*	–0·7	1	– 1
514	Modena	37 48	113 54	1668	834·7	1010·5	–0·1	305·3	309·7	13th	287·9	279·1	1st	296·6	*295·7*	+1·6	55	+21
515	Santa Fé	35 41	105 57	2138	791·7	1011·8	+0·5	301·3	305·2	11th	287·6	284·1	28th	294·4	*294·0*	+1·2	51	–16
516	Denver	39 45	105 0	1613	840·5	1013·9	+0·5	303·7	309·1	28th	290·3	285·8	23rd	297·0	*296·6*	+1·7	23	–22
517	Abilene	32 23	99 40	530	952·6	1011·8	–1·4	309·4	315·8	14th	295·6	289·7	28th	302·5	*302·0*	+1·5	24	–26
518	Saint Louis	38 38	90 12	173	994·9	1014

JULY - ZONE 5 (EUROPE, AFRICA, ASIA) — TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 8	40	1022·2	1027·6	+1·8	298·7	301·7	14th	292·9	289·8	6th	295·8	295·4	+1·2	78	+ 24
531	Horta	38 32	28 38	65	1019·3	1027·1	+2·1	300·1	303·2	15th	291·8	289·7	7th,9th	295·9	295·7	+1·2	35	– 19
532	Ponta Delgada	37 44	25 40	22	1024·2	1026·8	+2·7	296·9	299·1	13th	291·7	287·9	7th	294·3	294·2	+0·3	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	40	+ 8
533	Madeira (Funchal)	32 38	16 55	25	1018·8	1021·7	+1·4	296·4	299·6	12th	291·4	289·3	5th	293·9	*294·1*	–0·1	0	– 3
535	Lisbon	38 43	9 9	95	1007·4	1018·5	+1·3	300·3	312·2	31st	290·8	287·2	1st	295·6	295·3	+1·2	1	– 3
536	Gibraltar	36 6	5 21	27·4	..	1018·1	+1·1	300·9	305·2	7th	292·2	289·1	1,2,3	296·6	*295·6*	–0·2	0	– 1
536a	Colomb-Béchar	31 37	W. 2 13	769	928·6	1011·1	+1·7	312·2	314·1	7th	299·6	295·4	3rd	305·9	*305·8*	+0·6	2	+ 2
537	Palma	39 34	E. 2 39	23	1015·9	1018·6	+0·6	303·7	306·2	21st,28th	290·3	286·4	5th	297·0	296·4	–1·2	0	– 11
538	Algiers	36 46	3 13	59	1010·8	1017·6	+1·9	300·8	309·0	15th	294·5	291·7	3rd	297·7	297·0	–0·1	2	0
538a	Gadames	30 8	9 30	361	..	..	..	314·7	323·3	3rd	293·6	288·0	19th	304·1	..	–2·6	0	0
539	Tunis	36 48	10 10	66	1009·8	1017·4	+1·8	304·1	314·2	15th	292·8	288·4	5th	298·4	*298·4*	0·0	1	– 2
540	Malta	35 54	14 31	71·2	..	1016·9	+2·7	301·2	307·4	16th	294·3	291·9	2nd	297·7	*296·9*	–1·0	1	0
541	Athens	37 58	23 43	107	1000·6	1012·9	+1·6	304·5	310·1	17th	294·1	290·8	7th	299·3	298·7	–1·2	30	+ 23
542	Alexandria	31 12	29 53	32	1007·5	1011·2	+1·6	301·7	303·2	26th	295·0	293·3	6th	298·3	*297·8*	–0·9	0	0
543	Ankara	39 58	32 48	861	914·4	1009·1	–0·8	301·0	306·4	18th	286·5	280·5	5th	293·7	*294·4*	..	21	..
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1006·5	+1·0	308·3	311·9	15,16,17	292·6	288·0	6th	300·4	..	–1·0	0	– 1
544	Beirut	33 54	35 28	33·7	..	1008·4	+0·8	303·2	304·3	26th	295·0	293·1	3rd,5th	299·1	*298·9*	–0·6	0	– 1
545	Hinaidi	33 17	44 29	32·9	996·2	999·8	+0·7	315·3	318·0	15th,16th	297·7	294·7	11th,22nd	306·5	*306·8*	–1·1	0	0
546	Lenkoran	38 46	48 51	–20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	Tehran	35 41	51 25	1220	..	..	..	311·4	314·1	11th	295·8	289·7	1st	303·6	*303·4*	+0·9	0	– 4
548	Meshed	36 17	59 36	946	..	..	..	309·1	311·3	11,23,25	..	..	..	..	..	..	0	– 2
549	Seistan	31 2	61 30	? 610	942·4	..	..	314·3	317·4	25th,26th	300·3	296·3	11th,12th	307·3	..	+1·6	0	0
550	Quetta	30 10	67 1	1647	828·3	..	–0·3	308·7	312·4	8th	293·1	286·9	1st	300·9	*300·7*	+1·7	64	+ 47
551	Peshawar	34 1	71 35	355	958·8	997·1	–0·3	312·1	318·6	4th	301·5	296·9	16th,20th	306·8	*306·3*	+1·0	13	– 18
551a	Lahore	31 35	74 20	214	974·7	998·1	+0·6	310·2	316·3	4th	300·6	298·0	5 days	305·4	*304·7*	–0·1	94	– 45
552	Simla	31 6	77 10	2202	777·6	..	+0·7	293·3	297·4	5th	288·4	286·3	9th	290·9	*290·7*	–0·5	366	– 63
552a	Leh	34 9	77 34	3503	665·1	..	+0·8	297·6	301·9	8th	283·8	278·6	10th	290·7	*289·7*	+0·1	35	+ 23
558	Sian	34 31	109 5	365	962·6	1002·7	..	305·7	315·5	16th	297·7	291·0	?	301·7	302·2	..	238	..
559	Hankow	30 35	114 17	39·1	1000·7	1005·1	+1·1	307·7	310·7	28th	299·9	296·3	7th	303·8	*303·1*	+1·4	335	+170
560	Tientsin	39 9	117 9	6·4	1005·6	1006·2	+2·1	305·7	313·5	15th	295·9	291·8	30th	300·8	*300·3*	+0·8	70	–119
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1005·1	1005·9	+1·0	306·9	310·5	16th	297·3	292·5	5th	302·1	301·2	+1·1	35	–112
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1000·8	1008·8	+2·2	302·5	308·4	21st	294·9	291·1	2nd	298·7	298·2	+2·0	438	+180
562a	Nagasaki	32 44	129 52	133	995·0	1010·1	+1·7	303·0	306·2	21st	296·4	294·0	5th	299·7	299·3	+2·0	130	–105
563	Kyoto	35 1	135 44	42·9	1006·9	1011·8	+3·3	306·1	309·0	30th	295·7	293·0	10th	300·9	300·3	+2·1	145	– 47
564	Tokyo	35 41	139 46	5·8	1011·4	1012·0	+2·7	303·7	308·4	24th	296·2	291·9	4th	300·0	299·6	+2·4	44	– 91
565	Hukusima	37 45	140 28	68·5	1003·9	1011·8	+2·6	304·5	310·2	24th	294·6	290·0	4th	299·5	299·0	+2·8	94	– 52
566	Miyako	39 38	141 59	30·4	1007·7	1011·2	+1·8	301·4	310·3	23rd	292·7	289·7	11th	297·1	296·2	+3·3	56	– 79

JULY - ZONE 6 (AMERICA, AFRICA) — BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 13	177 22	5·8	1021·4	1022·1	..	302·3	303·6	Sev. dates	..	..	..	..	..	..	53	– 33
605	Honolulu	21 19	157 52	11·6	1016·9	1018·3	+1·6	299·4	300·2	18th	294·7	293·6	18th	297·1	*296·9*	–1·3	22	– 10
613	Guaymas	27 55	110 53	8·3	1008·8	1009·7	–0·4	308·6	311·8	26th	300·7	297·8	27th	304·7	*303·6*	+0·6	10	– 43
614	La Paz, Mexico	24 10	**110 18	**18	1007·0	1009·1	..	306·4	310·5	14th	294·8	290·8	7th	300·6	*299·8*	..	30	..
615	Leon	21 7	101 41	1809	818·7	1005·2	–3·9	300·4	303·8	24th	287·6	285·6	14th	294·0	*293·7*	0·0	125	– 33
616	Monterry	25 40	100 18	528	952·3	1010·6	–0·7	305·3	308·8	23rd	295·8	293·3	7th	300·5	*299·7*	–0·4	138	+ 82
617	Tulancingo	20 5	98 22	2181	790·5	..	–0·8	297·4	300·0	7th	283·4	279·9	3rd	290·4	*289·5*	+0·1	85	+ 2
618	Galveston	29 18	94 50	16·5	1011·8	1013·9	–2·2	303·4	306 9	4th	298·8	294·7	28th	301·1	*300·6*	–0·2	220	+126
618a	New Orleans	29 57	90 4	16·2	1013·2	1014·9	–1·0	304·3	308·0	31st	297·6	295·8	26th	300·9	*300·2*	–0·1	186	+ 19
619	Merida, Yucatan	20 58	89 38	22	1010·8	1013·3	–2·3	304·6	306·6	15th	296·4	295·2	27th	300·5	*299·8*	0·0	185	+ 77
620	Havana	23 7	82 25	77·0	1005·8	1014·6	–2·1	304·4	306·4	22nd	296·7	292·2	24th	300·5	300·2	+0·2	124	– 11
620a	Key West	24 33	81 48	6·7	1014·9	1015·6	–1·2	304·7	307·4	30th	299·1	296·9	2nd	301·9	*301·5*	+0·3	84	– 3
621	Nassau, Bahamas	25 5	77 20	5·4	..	1015·9	–1·8	302·7	305·2	25,30,31	296·1	295·8	3rd	299·4	*299·5*	–1·8	91	– 57
622	San Salvador (Watling Island)	24 6	74 26	33·5	1014·0	1017·8	–0·6	..	302·4	15,19,25	..	296·9	10th,11th	..	*299·8*	–1·2	..	..
633	Port Etienne	20 56	17 3	4	..	..	..	..	..	..	..	..	..	..	‡*294·1*	..	0	0
634	La Laguna	28 28	16 20	547	954·0	1016·2	–0·8	297·2	304·4	13th	287·4	284·0	30th	292·3	*292·2*	–1·0	4	+ 1
634m	Izaña	28 19	16 30	2367	774·4	..	+1·3	295·3	298·3	29th	287·5	282·0	16th	291·4	*290·4*	+1·3	0	0
636	Adrar	27 52	W. 0 17	285	978·1	1008·7	..	317·2	322·3	4th	299·1	294·9	24th	308·1	*310·4*	..	0	..
638	Tamanrasset (Fort Laperrine)	22 47	E. 5 31	1350	865·6	1005·6	+1·1	307·2	310·0	5th	294·4	291·8	23rd	300·8	301·1	–1·0	0	– 3
639	Gat	24 58	10 11	566	..	..	..	314·3	318·2	26th	299·8	297·5	8th	307·1	*306·3*	..	0	..
640	Hon	29 8	15 56	207	..	..	..	310·5	318·3	3rd,4th	293·1	288·9	7th	301·8	*303·0*	..	0	..
641	Ghirabub	29 44	24 31	15	..	..	..	309·7	313·8	26th	294·0	289·5	7th	301·9	*303·2*	..	0	..
642	Siwa	29 12	25 29	– 15	1013·5	1011·9	–0·1	310·3	314·8	26th	292·8	289·8	6th	301·5	*301·1*	–0·8	0	0
643	Cairo (Helwan)	29 52	31 20	116	996·4	1009·6	+1·3	307·5	312·1	6th	293·8	291·4	5th	300·7	300·3	–0·7	0	0
643a	Aswan	24 2	32 53	100	995·1	1006·1	+0·1	314·3	321·4	1st	298·3	296·2	6th	306·3	*305·7*	–0·3	..	..
644	Tor	28 14	33 37	1·9	1006·3	1006·5	+1·5	306·5	312·5	20th	297·0	294·0	15th	301·7	*300·7*	–0·3	0	0
		N.	E.															

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
**Station moved from 110° 20 W., 12 m. to 110° 18′ W., 18 m. from July 1st.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N. — JULY - ZONE 6 (ASIA)

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	28 59	50 49	4·3	996·0	996·5	..	306·1	309·1	31st	301·7	298·0	1st,2nd	303·9	*303·2*	–1·1	0	0
648	Jask	25 45	57 45	4·0	996·8	997·2	..	308·4	310·2	3rd	302·5	299·1	7th	305·4	*304·7*	–0·2	0	0
649	Manora (Karachi)	24 48	66 59	4·0	999·1	999·5	+0·2	304·2	305·8	5 days	299·8	296·9	17th,22nd	302·0	*301·3*	–0·2	392	+318
650	Jacobabad	28 17	68 29	56·7	989·6	995·8	–0·5	313·9	319·1	3rd	302·6	298·6	22nd	308·2	*307·6*	–0·6	79	+ 56
651	Jaipur	26 55	75 50	436	952·2	999·8	+0·4	306·5	310·2	14th	298·2	296·3	4 days	302·3	*301·7*	–0·6	147	– 57
652	Nagpur	21 9	79 7	310	967·7	1002·1	+0·5	304·8	309·7	8th	296·6	294·7	18,19,20	300·7	*300·1*	+0·1	556	+205
653	Allahabad	25 26	81 50	94·2	989·2	999·7	+0·9	306·4	310·2	3rd	299·4	296·9	18th,19th	302·9	*302·3*	–0·3	148	–149
653a	Darjiling	27 3	88 16	2265	773·0	..	+0·6	291·6	294·7	31st	286·8	280·2	17th	289·2	*289·0*	–0·2	784	– 85
654	Calcutta	22 32	88 20	6·4	1000·1	1000·9	+0·7	304·2	306·3	1st,4th	299·4	296·9	19th	301·8	*301·6*	+0·2	436	+119
655	Gauhati	26 11	91 45	55·5	996·0	1002·2	+0·6	305·4	309·1	31st	298·9	297·4	13th	302·2	*301·6*	+0·3	348	+ 50
655a	Akyab	20 8	92 55	8·8	1003·1	1004·1	+0·5	301·5	304·7	31st	297·1	294·1	29th	299·3	*298·2*	+0·4	1694	–808
655m	Cherrapunji	25 15	91 44	1313	863·8	..	+1·0	295·6	301·3	8th,31st	299·3	297·4	16th	303·1	*302·5*	–0·2	34	– 50
656	Mandalay	21 59	96 6	76·2	995·8	1004·1	0·0	306·8	309·1	1st,16th	298·3	296·1	14th	301·5	300·8	–0·4	149	–142
656a	Tengyueh	25 0	98 40	1634	830·4	1000·1	..	297·0	303·0	31st	290·5	288·0	13th	293·7	293·3	+0·6	327	– 11
657	Phu Lien	20 48	106 38	116	..	1003·6	+1·1	304·7	307·9	29th	298·1	296·4	13th	301·3	*300·6*	–0·4	518	– 84
658	Moncay	21 31	107 58	9·0	..	1003·9	+0·9	304·4	308·1	29th	299·0	297·3	27th	301·5	300·9	+0·1	363	– 3
659	Hongkong	22 18	114 10	33·2	..	1005·5	+0·8	304·1	306·9	29th	299·0	297·3	27th	301·5	300·9	+0·1	363	– 3
660	Amoy	24 26	118 4	4·9	1006·0	1006·5	+1·1	305·2	309·0	28,29,31	300·3	298·0	1st	302·7	302·1	+0·1	108	– 25
661	Taihoku, Formosa	25 2	121 31	9·3	1005·4	1006·4	+0·8	306·3	309·0	27th	297·4	295·6	7th	301·9	301·4	+0·3	254	+ 28
661a	Basco	20 28	121 59	18·7	..	1005·5	+0·1	304·2	305·4	16th,24th	298·8	296·9	10th	301·5	301·2	0·0	295	– 19
662	Naha	26 12	127 39	29·5	1004·8	1008·2	+0·6	302·8	304·4	17th	298·1	294·2	5th	300·4	300·4	–0·5	256	+ 68
665	Titizima (Bonin Islands)	27 5	142 11	4·3	1011·7	1012·3	+0·7	304·2	306·2	9th	297·1	293·8	4th	300·7	300·2	+0·1	50	–116
		N.	E.															

JULY - ZONE 7 — BETWEEN LATITUDE 20° N. AND 10° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
715	Colima	19 12	103 45	498	955·2	1010·5	–1·6	304·6	307·8	2nd	294·0	291·2	31st	299·3	*298·7*	–0·2	206	+ 17
716	Morelia	19 42	101 7	1923	809·4	1007·8	–2·3	296·8	299·9	6th	288·4	285·8	19th	292·6	292·2	+1·1	158	– 12
717	Mexico, Tacubaya	19 24	99 12	2309	774·9	..	–1·1	299·0	300·8	23rd	283·9	281·5	19th	291·5	290·2	+1·5	154	+ 11
718	Salina Cruz	16 12	95 12	56	1004·5	1010·9	–1·4	303·1	306·4	1st	295·9	294·2	25th	299·5	*300·4*	–0·6	353	+237
719	ǂSan Salvador	13 42	89 13	682	937·2	1012·9	+0·4	304·8	307·0	9,25,29	291·7	290·0	11th,30th	298·3	*296·1*	–0·5	304	+ 1
720	Belize	17 31	88 11	5·2	1011·5	1012·0	–1·5	303·9	305·2	17th	298·0	295·2	9,21,27	300·9	*300·5*	+0·4	237	+ 99
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1014·1	–0·5	303·7	307·3	30th	296·1	294·4	23rd	299·9	*299·8*	0·0	110	– 38
722	Port au Prince	18 33	72 20	37·4	1010·4	1014·7	–0·7	307·1	309·3	24th	296·9	294·9	4th	302·0	*301·3*	+0·5	32	– 37
723	Caracas	10 30	66 55	1043	898·8	1012·2	..	300·1	302·4	18th	289·9	286·0	1st	295·0	*294·3*	+1·3	198	+ 89
724	San Juan, Porto Rico	18 29	66 7	25·0	1013·2	1015·9	–0·7	302·3	305·2	15th	297·9	296·3	5th	300·1	*300·0*	+0·5	67	– 96
724a	Grenada (Richmond Hill)	12 5	61 46	188	992·7	1014·1	..	303·3	304·7	1st,2nd	295·7	294·1	26th	299·5	*298·8*	+0·3	194	– 45
725	Barbados	13 8	59 36	57·9	..	1014·3	–0·4	302·7	303·6	Sev. dates	296·5	294·4	6th	299·6	*299·4*	–0·2	187	+ 59
731	São Vicente, C. Verde Is.	16 54	25 4	11	1012·4	1013·6	–0·5	300·2	302·7	8th	293·0	292·0	1,6,22	296·6	*297·6*	+0·1	0	– 6
732	ǂSan Tiago, C. Verde Is.	14 54	23 31	34	1009·4	1013·3	–1·0	301·2	302·5	26th,27th	..	..	..	..	*300·2*	..	10	– 4
733	Dakar	14 40	17 26	32	1008·3	1011·9	..	304·2	306·5	13th	298·0	294·6	9th	301·1	*300·7*	+0·2	108	+ 18
734	ǂBathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	303·0	305·2	7th	295·8	293·6	17th	299·4	*299·6*	–0·1	411	+150
735	Bamako	12 39	7 58	340	974·4	1012·5	..	304·3	309·1	18th	297·1	294·7	23rd	300·7	*299·8*	..	192	..
736	Kabara	16 45	W. 3 1	273	..	..	..	310·4	314·2	14th	296·1	294·4	17th,18th	303·3	*302·4*	..	134	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	305·7	310·2	3rd	295·6	291·3	8th	300·7	*300·0*	+0·1	207	+ 47
738	Kaduna Capital	10 32	7 25	584	944·1	1008·2	..	302·3	304·7	12th,30th	293·6	291·3	24th	297·9	*297·3*	+1·4	219	– 51
739	Bilma	18 41	12 55	356	969·2	1008·0	..	316·3	320·2	2nd	293·9	290·2	18th,26th	305·1	..	..	..	..
740	Maiduguri	11 47	13 11	361	..	..	..	305·9	308·0	2,11,21	..	..	..	..	‡*300·1*	+0·2	222	+ 55
741	El Fasher	13 32	25 18	730	927·1	1006·0	..	310·0	313·5	7th	294·2	292·0	7th	302·1	*300·1*	+0·2	48	– 79
743	El Obeid	13 11	30 14	563	946·8	1008·6	+0·6	307·3	310·3	15th	295·3	291·0	3rd	301·3	*299·9*	–0·3	163	+ 74
743a	Khartoum	15 37	32 33	380	965·4	1006·8	–0·5	311·7	315·4	16th	298·5	294·1	1st	305·1	*304·9*	0·0	10	– 43
744	Port Sudan	19 37	37 13	5·5	1005·5	1006·1	+1·4	312·5	316·7	20th	300·1	297·2	14th	306·3	*305·9*	–0·7	0	– 8
745	Berbera, Somaliland	10 26	45 2	13·8	1002·5	1004·0	–0·2	314·1	316·3	16th	304·9	303·0	2nd	309·5	*308·7*	+0·1	0	– 2
746	Aden	12 49	45 2	29·9	1000·3	1003·7	+0·1	307·9	311·9	17th	300·8	294·7	30th	304·3	*304·2*	+0·2	0	– 1
751	Bombay	18 54	72 49	11·3	1003·9	1005·2	+0·5	303·9	305·8	4 days	298·8	296·3	31st	301·4	301·1	+1·0	359	–257
752	Kodaikanal	10 14	77 28	2343	769·2	..	+0·4	290·3	293·0	19th	284·3	282·4	27th	287·3	286·7	+0·8	124	– 4
752a	Bangalore	12 58	77 35	921	907·5	1007·8	+0·5	300·5	304·1	21st	292·0	290·2	6th	296·3	*295·1*	–0·1	145	+ 39
753	Madras	13 4	80 15	6·7	1005·1	1005·8	–0·1	308·8	311·3	4th	299·6	295·8	19th	304·2	*303·3*	+0·7	27	– 73
754	Visagapatam	17 42	83 18	38·4	997·9	1002·2	+0·2	304·4	308·6	8th	299·6	296·3	18th,19th	302·0	*301·2*	–0·4	121	+ 7
755	Port Blair	11 40	92 43	18·0	1005·3	1007·2	–0·2	302·3	304·1	19th	298·4	295·8	6th	300·3	*299·5*	–0·1	376	– 11
756	Rangoon	16 46	96 11	5·5	1005·8	1006·5	–0·1	302·9	304·7	3rd,21st	297·1	296·3	Sev. dates	300·0	*299·0*	+0·1	476	+ 68
757	Cap St. Jacques	10 20	107 5	180	..	1009·4	..	302·5	304·1	1,3,17	296·9	294·4	31st	299·7	*299·3*	+0·2	237	+ 23
758	Nhatrang	12 15	109 12	3·6	..	1005·5	..	304·8	306·8	25th	297·5	296·1	5th	301·2	*300·7*	–0·3	12	– 32
759	Iba	15 20	119 58	4·8	..	1006·9	+1·0	303·9	306·7	2nd	296·6	295·7	20th	300·3	*299·3*	+0·1	1310	+342
761	Vigan	17 34	120 23	12·2	..	1006·0	+0·2	304·0	306·0	7th	296·9	295·0	19th	300·5	299·7	–0·6	481	–212
761a	Manila	14 35	120 59	10·1	..	1007·3	+0·5	304·1	306·5	2nd	297·0	296·0	5th	300·5	299·8	–0·2	504	+ 88
762	ǂOrmoc	11 0	124 36	5·6	..	1007·3	+0·2	304·8	305·7	4th	..	..	..	..	*300·7*	+0·8	232	– 54
765	Guam, Ladrone Is.	13 24	144 38	18·6	..	1008·4	+0·7	..	..	..	297·3	295·8	24th	..	*300·2*	–0·3	441	+ 75
766	Saipan	15 14	145 46	207	986·1	1006·2	..	301·9	303·4	4th	296·6	295·0	13th	299·3	298·9	..	305	..
		N.	E.															

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
ǂChange of normals, see Table of Authorities, pages 105-15.

JULY - ZONE 8 TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1009·7	1010·2	–0·2	303·1	304·7	12th,23rd	298·0	296·9	1,3,19	300·6	*300·2*	–0·4	120	– 93
821	Cristobal	9 23	79 54	11·0	..	1010·8	+0·1	303·1	305·2	21st	297·4	296·3	12th	300·2	299·7	+0·2	251	–155
822	Bogota	4 36	74 5	2645	747·8	..	+1·4	291 9	295·2	14th	283·4	281·3	14th	287·7	*287·1*	+0·8	28	– 24
822a	Merida, Venezuela	8 36	71 9	1641	842·0	..	..	297·8	299·6	31st	287·9	285·5	9th	292·9	*291·8*	+0·1	105	– 13
823	§Ciudad Bolivar	8 9	63 33	38	1006·5	1010·8	–1·4	304·0	305·8	2nd,10th	296·4	293·2	12th	300·2	*299·7*	0·0	267	+ 96
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·8	–0·7	303·3	304·1	13,24,31	296·8	295·8	13,25,31	300·1	*299·6*	+0·5	207	– 46
826	Paramaribo	5 49	55 9	3·7	1012·5	1012·9	–1·0	304·6	306·3	24th,30th	296·0	293·9	8th	300·3	*299·5*	+0·4	179	– 46
826a	Cayenne	4 54	52 21	6	1012·0	1012·7	..	303·5	305·8	31st	296·6	294·8	6th	300·1	*299·5*	+0·2	154	– 22
										Sea Temp.								
831	10°-5° N., 30°-25° W.	††7 18	††26 56	§(30)	..	1014·0	+0·2	..	..	299·8	+0·4	..	..	..	299·5	+0·5	..	..
833	Konakri	9 31	13 43	12·5	1012·2	1013·7	..	302·2	304·8	11th	295·0	292·9	12th	298·6	*298·1*	+0·1	1075	–230
834	Freetown, Sierra Leone	8 29	13 14	55·0	1007·1	1013·5	+1·1	301·1	303·6	10th,11th	..	..	..	..	‡*298·3*	..	807	– 97
835	Assuantsi	5 18	1 15	97·3	1001·6	1012·8	..	299·8	301·3	2,13,16	294·4	291·9	13th	297·1	*296·7*	+0·1	154	+ 51
836	Accra	5 33	W. 0 12	17·7	1011·9	1013·8	–0·2	301·1	303·0	31st	296·4	294·1	13th,31st	298·7	*298·3*	+0·6	73	+ 31
837	Lagos	6 27	E. 3 24	1·8	1013·5	1013·9	+0·8	301·2	303·0	26th	296·7	295·2	2,17,22	298·9	*298·3*	+0·3	495	+228
838	Victoria, Nigeria	4 1	9 12	15·5	1013·0	1014·8	..	299·0	301·3	8th	293·8	292·4	11th,16th	296·4	*296·0*	..	1410	+645
839	Yola	9 12	12 30	259	..	..	..	303·5	305·8	2,30,31	295·5	292·4	3rd,5th	299·5	*299·0*	+0·3	186	+ 12
841	Barumbu	1 11	23 30	§450	..	..	..	303·3	307·3	30th	291·8	290·0	28th	297·5	*296·8*	..	90	..
842	Wau	7 42	28 3	440	961·2	1010·1	+0·2	304·7	308·8	16th	294·3	292·5	7th	299·5	*298·6*	+0·5	188	– 5
843	Malakal	9 35	31 37	394	967·0	1011·1	–0·2	304·9	308·3	15th	294·7	293·2	27th	299·8	*298·3*	+0·6	136	– 56
843a	Juba	4 53	31 35	475	958·7	1011·8	..	304·9	307·9	16th	291·5	289·7	7th	298·2	*297·3*	..	238	..
844	Kampala (Kololo Hill)	0 20	32 36	§1312	870·4	1010·4	..	298·2	300·2	16th	289·8	287·7	28th	293·9	293·3	..	15	..
845	Baidoa	3 7	43 39	480	959·2	1012·7	..	302·9	304·0	Sev. dates	292·5	291·0	31st	297·7	..	..	7	..
846	Sheikh	9 55	45 15	§1463	..	..	..	301·9	303·6	Sev. dates	289·4	287·4	20th	295·7	..	..	57	+ 13
851	Minicoy	8 18	73 0	2·7	1010·5	1010·8	+0·6	302·5	303·6	Sev. dates	298·1	295·8	6th	300·3	*299·5*	..	274	+ 51
851a	Cochin	9 58	76 14	2·7	1010·1	1010·4	+0·3	301·3	302·4	Sev. dates	297·0	295·2	5,7,28	299·2	*298·4*	+0·1	539	– 41
852	Colombo Observatory	6 54	79 52	7·3	..	1009·8	+0·9	301·6	302·4	18th	297·8	295·2	1st	299·7	*298·9*	–0·6	167	+ 54
853	Nuwara Eliya	6 58	80 46	§1881	812·9	1010·9	–0·1	290·4	294·3	22nd	285·6	282·0	21st	288·0	287·3	+0·1	342	+ 40
854	Trincomalee	8 35	81 15	30·2	..	1006·2	+1·0	305·3	307·8	17th	298·2	296·7	22nd	301·7	*300·9*	–0·9	2	– 51
855	Koetaradja	5 32	95 20	7·1	..	..	..	..	..	..	..	..	..	..	..	..	127	+ 22
856	Medan	3 35	98 41	25·0	..	1008·9	0·0	304·2	306·6	21st	295·2	293·3	19th	299·7	*298·8*	–0·1	131	– 4
857	Butterworth	5 25	100 22	2·1	..	1008·5	..	303·7	305·2	Sev. dates	296·3	295·2	Sev. dates	300·0	299·6	..	223	..
858	Singapore (Mt. Faber)	1 16	103 49	90·5	..	1009·0	+0·4	304·2	306·9	27th	296·9	294·7	11th,30th	300·5	300·1	..	120	..
859	Sandakan	5 50	118 7	55·5	1002·7	1009·0	..	304·3	305·8	26th	296·8	295·2	11th,19th	300·6	*300·1*	–0·1	197	+ 26
860	Iwahig	9 44	118 38	14·3	..	1007·1	+0·2	304·4	306·6	20th	296·1	294·7	11th	300·3	*299·6*	+0·3	94	–153
861	Tagbilaran	9 38	123 51	21·3	..	1007·6	0·0	304·5	307·0	26th	297·7	296·0	1st	301·1	300·5	+0·2	202	+ 39
861a	Menado	1 30	124 50	8·5	..	1008·6	+0·1	303·7	305·4	29th	295·6	293·5	25th	299·7	*299·1*	..	169	+ 50
862	Surigao	9 48	125 29	6·0	..	1007·7	+0·2	304·5	306·3	26th,28th	297·5	296·1	7th	301·0	300·6	+0·2	185	+ 24
863	Kolonie, Yap	9 29	138 8	29·3	..	1010·0	+1·8	303·5	306·0	17th	297·4	295·8	23rd	300·5	299·8	0·0	368	– 67
864	Palau	7 20	134 29	31·8	1005·7	1009·2	+0·1	302·6	304·0	18th	297·4	295·2	24th	300·0	299·6	0·0	465	– 64
867	Ponape	6 58 N.	158 13 E.	38·9	1005·3	1009·8	..	302·3	303·7	12th	295·9	294·6	28th	299·1	299·0	..	333	..

JULY - ZONE 9 BETWEEN LATITUDE 0° AND 10° S.

		S.	W.															
902	Atafu	8 32	172 31	1·8	..	1011·5	..	302·4	303·4	1st	299·5	297·8	29th	300·9	*300·6*	..	73	..
920	Lambayeque	6 46	79 55	15	1013·1	1014·9	..	297·1	298·8	10th	289·5	286·5	9th	293·3	292·5	..	0	..
921	Quito	0 13	78 30	2816	727·3	..	–0·6	295·4	297·4	21st	279·4	276·2	16th	287·4	285·8	+0·8	11	– 7
923	Senna Madureira	9 4	68 40	135	995·8	1011·2	..	306·1	310·0	Sev. dates	291·1	283·1	31st	298·6	297·0	..	10	..
923a	São Gabriel do Rio Negro	0 8	67 5	85	1003·9	1013·6	..	302·7	305·5	27th	294·5	292·7	3rd	298·6	297·2	..	247	..
924	Manaos	3 8	60 1	43·8	1008·4	1013·5	..	304·2	307·4	31st	294·9	292·7	18th	299·6	*299·4*	0·0	93	+ 34
925	Parintins	2 38	56 44	18	..	..	..	..	..	..	..	..	..	..	..	..	133	..
926	Taperinha	2 30	54 20	21·5	1010·7	1013·0	–0·4	303·5	305·9	9th	294·9	292·6	24th	299·2	*298·2*	+0·3	218	+115
927	Turyassu	1 43	45 26	9·1	1011·6	1012·7	–0·5	303·6	305·2	11th	293·9	292·7	2nd	298·8	*298·5*	+0·2	274	+115
928	Barra do Corda	5 30	45 16	81·0	1004·3	1013·8	..	305·8	307·6	31st	290·8	286·9	23rd	298·3	*297·2*	+0·2	0	– 8
929	§Quixeramobim	5·16	39 15	199	991·2	1014·0	–0·5	304·0	306·0	31st	296·5	294·7	27th	300·2	*300·5*	+0·7	7	– 18
930	Fernando Noronha	3 50	32 25	106	1002·0	1014·2	–0·7	299·4	300·3	8th	295·8	293·7	15th	297·6	*297·6*	–0·3	444	+326
934	Ascension Island	7 56	W. 14 25	16·8	1014·5	1016·5	–0·3	301·5	303·0	9th	295·6	293·6	21st,22nd	298·5	*297·8*	+0·2	12	– 1
939	Loanda	8 49	E. 13 13	59·3	..	1015·4	–0·3	297·4	299·4	7th	291·5	289·4	17th	294·5	293·7	+0·9	0	0
940	Brazzaville	4 17	15 16	320	..	..	..	..	..	..	..	..	..	..	..	..	..	..
942	Tshibinda	2 19	28 45	2115	..	..	..	294·5	296·5	23rd	280·9	279·5	28th	287·7	*289·0*	..	31	..
943	Masaka	0 20	31 44	1280	..	..	..	297·8	300·2	4th	288·8	287·4	25th	293·3	*292·6*	..	57	+ 21
944	Nairobi (Kabete Obs.)	1 16	36 48	1820	822·8	1015·0	..	293·6	296·3	5th	284·2	281·3	29th	288·9	288·1	..	16	..
944a	Zanzibar (Chukwani Palace)	6 15	39 13	21	1015·3	1017·7	..	300·6	302·1	12th	295·3	293·5	23rd	297·9	297·5	..	27	..
945	Afmadu	0 30	42 4	?	..	..	..	304·2	308·0	26th	293·0	290·0	20th	298·6	..	..	18	..
947	Seychelles, Port Office	4 37	55 27	4·6	1012·7	1013·2	–0·4	300·1	300·8	5th,12th	296·5	294·1	27th	298·3	*297·6*	–0·1	32	– 29
957	Padang	0 56	100 22	6·7	..	1010·2	–0·2	303·4	305·6	16th	296·5	295·1	30th	299·9	*299·5*	+0·1	335	+ 57
958	Batavia	6 11	106 50	8·0	1009·4	1010·3	+0·2	304·2	306·0	27th	296·4	295·0	6,7,29	300·3	299·8	+0·7	41	– 25
958a	Pontianak	0 1	109 20	2·6	..	1010·2	+0·6	304·7	307·6	1st	296·7	295·5	5th	300·7	*300·3*	+0·4	313	+146
959	Pasoeroean	7 38	112 55	5·0	..	1010·5	–0·2	303·2	304·3	27th	294·1	291·9	5th	298·7	*298·9*	+0·2	0	– 25
960	Kajoemas	7 56	114 9	§1060	..	..	..	..	..	..	..	..	..	..	..	..	1	– 39
962	Amboina	3 42	128 10	4·2	..	1010·8	+0·3	300·0	301·7	7th	295·9	293·9	29th	297·9	*297·7*	–0·1	516	– 85
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	78	– 67
965	Daru	9 4	143 13	7·6	..	..	..	301·3	..	..	297·1	..	..	299·2	*298·8*	+1·0	108	+ 3
966	Port Moresby	9 29	147 9	38·4	..	1010·9	–0·6	302·0	..	..	296·1	..	..	299·1	*298·7*	+0·5	51	+ 22
967	Rabaul	4 9	152 12	12·5	1007·5	1009·0	–0·1	305·7	307·8	22nd	295·8	294·7	4th	300·7	*300·1*	+0·7	45	– 85
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	302·4	304·7	31st	297·4	295·8	5th,27th	299·9	299·7	–0·2	297	+ 94
970	Ocean Island	0 52	169 35	42·6	1004·9	1009·9	–0·1	303·3	304·7	2,8,20	298·4	296·9	23rd,24th	300·9	*300·3*	+0·1	234	+ 78
972	Funafuti, Ellice Is.	8 30	179 13	2·4	1009·5	1009·7	..	303·8	304·7	18,19,31	298·7	297·4	10,20,26	301·3	*300·9*	..	73	..
		S.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
§ Number of observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Change of normals, see Table of Authorities, pages 105-15.
†† Mean latitude and longitude of the observations.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S. JULY - ZONE 10

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1001	Vavau	18 39	173 59	9·1	1014·5	1015·5	..	298·9	301·9	24th	292·8	287·2	16th	295·8	*295·4*	..	157	..
1002	Apia, Samoa	13 48	171 46	2·0	..	1012·0	+0·2	301·8	303·1	19th	295·6	293·9	10th	298·7	298·2	–0·4	151	+ 75
1003	Alofi, Niue Is.	19 2	169 55	19·8	..	1016·2	+0·9	299·1	304·1	22nd,23rd	290·3	285·8	10th	294·7	*294·5*	–1·2	284	+205
1004	Pukapuka, Danger Is.	10 53	165 54	2·1	..	..	..	303·7	304·7	2nd	298·3	296·1	16th	301·0	*300·6*	..	41	..
1005	Aitutaki, Cook Is.	18 53	159 46	3·0	..	..	..	300·2	302·4	7th	294·1	290·8	10th,11th	297·2	*296·8*	..	..	..
1007	Papeete (Hamuta)	17 32	149 33	5·0	1013·9	1014·4	..	303·3	305·0	12th	293·6	292·0	24th	298·5	*297·9*	..	60	..
1021	Lima	12 5	77 3	111	1003·3	1016·6	..	293·6	296·0	29th	285·7	282·6	8th	289·7	288·2	..	5	..
1022	Arica	18 28	70 20	29	1013·5	1017·0	..	291·8	293·4	14th	285·8	281·7	10th	288·8	*288·3*	+0·4	0	0
1024	La Paz, Bolivia	16 30	68 8	§3658	658·7	..	+0·1	289·2	291·5	20th	273·0	270·0	23rd	281·1	*279·7*	0·0	5	– 4
1025	§Corumba	18 59	57 39	116	1002·7	1016·0	+0·8	298·8	307·2	28th	285·8	276·2	20th	292·3	*291·9*	–2·0	4	– 10
1026	Cuyaba	15 36	56 6	165	996·6	1015·8	+1·6	303·0	308·8	24th	286·5	278·6	20th	294·8	*293·5*	–2·6	0	– 6
1027	Bello Horizonte	19 56	43 57	895	918·7	1018·8	+0·3	297·2	302·4	31st	286·2	283·6	9th	291·7	*290·8*	+1·1	18	+ 8
1028	Caetite	14 3	42 37	897	918·9	1018·6	+0·2	296·9	300·7	18th	285·7	283·7	25th	291·3	*291·8*	–0·6	26	+ 16
1029	§Ondina (Bahia)	13 0	38 31	64	1011·1	1018·6	+0·7	298·5	299·5	20th	293·5	292·5	15th	296·0	*295·7*	–0·4	167	– 23
1030	§Aracaju	10 55	37 3	6·1	1016·4	1017·1	–0·7	299·4	300·2	9th,19th	293·9	292·3	8th,31st	296·6	*296·6*	–0·1	140	+ 4
1035	§St. Helena	15 57	W. 5 40	604	949·3	1019·3	–0·5	288·8	291·3	2nd,3rd	285·8	284·7	25,29,30	287·3	*287·3*	0·0	121	+ 17
1039	Mossamedes	15 12	E. 12 9	12·5	1016·0	1017·5	..	291·6	294·7	1st	285·5	282·2	22nd	288·5	..	..	0	0
1041	Livingstone	17 50	25 49	972	911·2	1019·7	..	299·3	303·0	27th	281·8	278·6	3rd	290·6	..	+1·6	0	0
1041a	Elisabethville	11 40	27 29	§1230	879·5	1014·6	–0·9	299·2	302·3	27th	278·5	276·4	6th	288·8	..	–0·2	0	0
1042	Gwelo	19 26	29 45	§1411	867·9	1023·3	..	295·1	299·7	27th	279·6	275·2	1st,7th	287·3	..	+1·2	0	– 1
1043	Salisbury (Dept. Agric.)	17 48	31 5	§1489	858·2	1021·3	+0·1	294·7	298·7	27th	279·6	274·9	8th	287·1	286·7	+0·7	0	– 1
1044	Zomba	15 23	35 18	921	915·5	1017·9	–0·4	295·9	302·4	13th	284·2	280·2	18th	290·1	*289·4*	+0·4	6	– 3
1045	Mossuril	14 57	40 40	15	..	1020·2	+0·9	299·9	301·3	22nd	289·8	287·3	28th	294·9	295·2	0·0	30	+ 19
1046	Antananarivo	18 55	47 33	1375	869·6	1021·7	+0·8	293·8	297·8	31st	281·5	278·3	8th	287·7	*286·0*	–0·3	4	– 2
1046a	Tamatave	18 9	49 22	7	..	1018·7	..	299·2	300·0	11th	292·3	291·4	27th	295·7	*295·2*	..	50	..
1047	Vohemar	13 24	50 2	2	..	1020·6	..	298·6	302·6	13th	291·3	289·4	5th	294·9	*294·4*	..	99	..
1048	Antalaha	14 53	50 15	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1055	Cocos, Keeling Is.	12 5	96 53	4·6	..	..	..	301·7	302·4	31st	298·2	296·1	24th	299·9	*299·6*	+0·8	124	– 98
1057	Christmas Island	10 25	105 43	5·5	1009·1	1009·8	+0·1	302·2	306·3	13th	296·3	294·7	5,24,28	299·3	*298·9*	–0·1	34	– 66
1061	Koepang	10 10	123 34	45·1	..	1011·5	–0·4	304·7	306·8	18th	293·9	291·1	27th	299·3	*298·4*	+0·2	0	– 5
1061a	Derby	17 18	123 40	16·2	1013·2	1015·1	–0·4	301·9	305·8	25th	287·4	282·4	11th	294·7	..	–0·2	0	– 4
1062	Hall's Creek	18 13	127 46	373	974·3	1016·8	–0·1	299·2	305·2	23rd	282·3	274·7	10th	290·7	*290·0*	–0·2	0	– 5
1063	Darwin	12 28	130 51	29·6	1009·5	1012·9	+0·3	302·6	304·8	3rd	292·1	288·7	9th	297·3	*296·1*	–0·9	0	– 1
1064	Daly Waters	16 16	133 23	211	990·3	1014·5	–0·4	300·7	306·3	23rd	285·3	278·0	27th	293·0	*292·3*	–0·4	0	– 1
1065	Palmerville	15 56	144 8	210	988·3	1012·0	–1·4	303·1	306·1	13th	288·8	280·8	26th	295·9	..	+1·0	4	– 1
1066	Georgetown, Queensland	18 22	143 32	302	979·2	1013·6	–2·2	300·4	304·6	14th	285·6	275·8	11th	293·0	..	+0·3	1	– 6
1066a	Willis Island	16 18	149 59	8·5	1011·8	1012·8	–1·6	299·3	300·9	14th	295·7	292·4	19th	297·5	*297·4*	+0·9	31	– 13
1067	Samarai	10 37	150 40	6·1	..	1012·3	+0·5	302·4	..	..	296·4	..	..	299·4	*299·2*	+1·2	300	+ 85
1070	Vila, New Hebrides	17 46	168 19	57·0	1006·3	1012·9	..	297·2	302·0	20th	290·5	288·0	9th	293·8	*293·3*	..	43	..
1071	Rotuma, Fiji	12 30	177 0	27·4	1008·7	1011·8	..	301·4	303·0	2nd,22nd	296·2	294·1	28th	298·8	*298·6*	..	214	..
1072	Suva, Fiji	18 8	178 26	3·7	1014·8	1015·2	+1·3	298·9	303·0	22nd	292·7	289·7	16th	295·8	*295·6*	–0·2	48	– 77
		S.	E.															

BETWEEN LATITUDE 20° S. AND 30° S. JULY - ZONE 11 (AMERICA, AFRICA)

		S.	W.															
1101	Nukualofa, Tonga	21 8	175 12	3·0	1016·7	1017·0	..	297·1	301·3	4th	288·2	284·1	19th,22nd	292·7	*292·1*	..	66	..
1105	Rarotonga (Avarua)	21 12	159 46	6·1	..	..	..	298·1	300·8	16th	289·8	283·6	2nd	293·9	*293·7*	–0·6	298	+180
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1016·4	1019·3	+1·6	287·5	290·8	8th	281·4	278·5	8th	284·5	*284·1*	–0·8	6	– 20
1122	Antofagasta	23 42	70 24	94	1006·5	1017·8	–0·1	289·2	292·0	6th	282·2	280·0	30th,31st	285·7	*285·4*	–1·3	0	– 6
1123	Catamarca	28 29	65 47	528	956·9	1019·5	+3·1	292·3	300·0	5th	273·9	268·1	9th	283·1	282·0	–2·9	1	– 3
1124	Salta	24 46	65 24	1173	885·8	1019·7	+1·8	291·7	301·7	6th	270·5	266·6	30th	281·1	280·5	–4·2	0	– 1
1125	Goya	29 9	59 15	37	1015·6	1020·1	+3·1	293·4	304·0	26th	277·7	271·0	10th,13th	285·6	*284·8*	–2·3	4	– 40
1126	Asuncion	25 17	57 41	139	1005·9	1022·5	+5·8	294·9	304·8	25th	283·3	275·6	16th	289·1	*288·6*	–2·5	2	– 58
1127	Curityba	25 25	49 17	908	917·6	1021·8	+0·1	291·5	298·5	28th	278·0	268·4	14th	284·8	*283·8*	–1·4	30	– 35
1128	Rio de Janeiro	22 54	W. 43 10	18·3	1018·7	1020·8	+0·8	295·5	302·2	30th	289·5	287·6	18th	292·5	292·2	–0·8	39	– 4
1139	Windhoek	22 34	E. 17 6	§1727	833·0	1019·4	..	293·9	296·6	29th	279·7	274·6	9th	286·8	*285·9*	+0·9	2	+ 1
1140	§O'Okiep	29 36	17 52	933	914·1	1022·0	–0·1	288·0	294·5	12th	277·6	271·9	25th	282·8	*282·0*	–1·8	42	+ 22
1141	Kimberley	28 44	24 46	§1218	885·3	1022·9	–1·0	291·8	297·4	14th,15th	276·9	272·1	17th	284·3	283·9	+1·3	0	– 7
1141a	Johannesburg	26 11	28 4	§1806	827·2	1023·8	–0·9	289·2	293·4	23rd	278·1	273·1	27th	283·6	*283·1*	+0·4	0	– 8
1142	Bulawayo	20 9	28 35	§1349	872·9	1021·9	0·0	295·1	299·7	30th	280·3	274·7	8th	287·7	287·2	+0·9	0	– 1
1143	Durban	29 52	31 3	15·2	1020·2	1022·0	–1·9	294·9	301·0	29th	281·5	285·0	28th,31st	288·2	*287·7*	–2·1	50	+ 19
1144	Lourenço Marques	25 58	32 36	59·5	..	1023·1	–0·4	298·9	304·5	23rd	286·8	283·0	1st	292·9	292·1	+1·0	1	– 12
1145	Tulear	23 20	43 40	6	..	1021·5	..	298·9	301·2	29th	284·9	281·0	2nd	291·9	..	..	0	..
1146	Fort Dauphin	25 1	46 58	14	..	1024·0	..	296·0	297·4	2nd	289·3	285·5	2nd	292·7	292·2	..	38	..
1147	Mauritius	20 6	57 33	55·2	1015·0	1021·5	+1·0	296·3	298·0	3rd	288·7	284·6	21st	292·5	292·1	–0·8	57	– 1
		S.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Change of normals, see Table of Authorities, pages 105-15.

JULY - ZONE 11 (AUSTRALIA) — TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1015·1	1015·6	−0·8	297·9	304·7	16th	283·4	276·1	10th	290·7	..	−0·2	75	+ 54
1160	Cue	27 27	117 52	454	968·8	1022·0	+2·9	290·6	297·4	2nd	278·9	274·9	9,13,28	284·7	..	−0·9	24	0
1161	Nullagine	21 53	120 5	386	975·0	1019·5	+1·8	295·4	300·2	26th	281·9	273·0	10th,11th	288·7	..	+0·4	31	+ 19
1162	Laverton	28 40	122 23	466	967·2	1021·8	+1·3	290·2	298·6	2nd	277·9	273·0	5th	284·0	*283·9*	−0·4	17	+ 3
1163	Alice Springs	23 38	133 35	579	952·1	1019·1	−0·5	290·6	298·0	27th	276·9	271·1	3rd	283·7	*283·4*	−0·8	0	− 9
1164	William Creek	28 55	136 21	76·2	1011·9	1021·1	+0·5	290·4	295·2	4th,11th	276·7	272·4	25th	283·6	*283·3*	−0·8	2	− 4
1164a	Boulia	22 55	139 38	146	..	..	..	294·3	299·3	12th	280·3	274·7	27th	287·3	*287·0*	−0·9	2	− 5
1165	Thargomindah	27 58	143 43	123	1002·6	1017·4	−2·0	291·8	299·1	13th	280·8	274·1	31st	286·3	*286·0*	+1·1	2	− 10
1166	Mitchell	26 32	147 52	336	978·9	1018·8	−0·4	289·7	295·4	13th	280·1	272·8	19th	284·9	..	+1·0	151	+116
1167	Rockhampton	23 24	150 30	11·3	1014·8	1016·2	−1·9	294·3	299·0	14th	285·9	279·6	31st	290·1	*289·6*	+0·2	496	+461
1168	Brisbane	27 28	153 2	41·8	1013·6	1018·0	−0·3	292·7	296·1	7th	284·0	277·2	19th	288·3	*288·2*	+0·6	82	+ 26
1170	Norfolk Island	29 4	167 59	14·9	1018·4	1020·3	+3·2	291·6	294·4	15th	287·9	284·7	2nd	289·7	*289·4*	+0·4	140	− 22
		S.	E.															

JULY - ZONE 12 — BETWEEN LATITUDE 30° S. AND 40° S.

		S.	W.															
1221	Juan Fernandez	33 37	78 52	6	1021·2	1021·9	+3·3	287·6	290·0	31st	282·0	278·5	9th	284·8	*284·7*	−1·1	44	−106
1221a	Punta Tumbes	36 37	73 6	120	1004·7	1019·5	+2·5	283·9	286·5	10th	278·6	274·0	8th	281·3	*281·0*	−1·8	84	− 26
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1014·9	1019·9	+2·1	287·7	291·5	18th	279·9	275·4	8th	283·8	*283·2*	−1·0	56	− 44
1222a	Santiago	33 27	70 42	520	958·5	1020·9	+2·4	286·1	293·0	18th,22nd	274·3	269·8	11th	280·2	*279·0*	−1·8	31	− 50
1223	Cordoba	31 25	64 12	423	969·6	1020·3	+3·3	290·6	300·6	5th	272·5	263·8	9th	281·6	281·0	−2·2	0	− 8
1224	Bahia Blanca	38 45	62 16	28·7	..	..	..	..	..	..	..	..	..	..	..	..	4	− 21
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1017·4	1020·5	+1·8	285·9	292·2	21st	276·4	269·6	10th	281·2	280·9	−1·5	14	− 42
1226	Montevideo (Prado)	34 52	56 12	24·9	..	1021·3	+3·3	285·7	291·8	4th,26th	278·4	271·2	2nd	282·1	281·9	−1·3	98	+ 34
1226a	Porto Alegre	30 2	W. 51 13	23·5	1017·6	1020·4	+0·6	289·6	303·2	26th	280·6	275·1	13th	285·1	284·9	−1·6	186	+ 77
1239	Cape Town	33 56	E. 18 29	12·2	..	1020·0	−1·1	289·3	299·4	4th	281·2	275·2	17th	285·3	*284·0*	−0·3	93	+ 1
1240	Klaver	31 47	18 37	41·8	1017·3	1022·4	−1·7	291·4	301·3	12th	279·8	275·4	1st	285·6	..	−1·6	17	− 9
1241	Riversdale	34 6	21 16	105	1008·1	1020·8	..	292·7	299·9	12th	276·2	270·7	28th	284·4	..	−0·5	10	− 20
1242	ǂEast London	33 1	27 54	45·4	1015·1	1020·6	+0·3	293·3	306·3	15th	282·8	278·0	28th	288·1	..	0·0	19	− 6
1259	Perth (Observatory)	31 57	115 51	60·0	1013·9	1021·1	+2·2	289·9	294·6	24th	280·9	276·1	29th	285·4	*285·5*	−0·5	127	− 43
1260	Katanning	33 42	117 35	310	982·8	1020·2	+2·4	287·2	289·7	1,24,30	279·3	274·7	7th	283·2	..	+0·4	53	− 25
1261	Coolgardie	30 57	121 10	423	971·5	1021·4	+1·8	288·4	295·8	2nd	278·9	275·8	16th	283·7	*283·6*	0·0	18	− 3
1262	Eucla	31 45	128 58	4·6	1019·3	1019·9	+0·4	290·5	297·4	3rd	279·4	273·6	20th	284·9	*284·7*	−0·6	24	+ 1
1263	Streaky Bay	32 48	134 13	13·1	1019·2	1020·6	+0·7	288·4	291·2	2nd	280·3	275·4	22nd	284·3	*284·1*	−0·5	65	+ 6
1264	Adelaide	34 56	138 35	42·7	1015·2	1020·4	+0·3	288·4	294·2	9th	278·8	275·6	17th,22nd	283·6	*283·5*	−0·5	44	− 23
1265	ǂMelbourne	37 49	144 58	35·1	1015·6	1019·7	+0·8	286·9	292·1	9th	278·2	273·1	1st	282·6	*282·4*	+0·2	84	+ 36
1266	Bourke	30 13	145 58	110	1007·9	1021·2	−0·2	290·6	295·8	12th	280·0	273·6	1st	285·3	..	+1·1	23	+ 1
1267	ǂSydney	33 51	151 13	42·1	1013·7	1018·7	+0·5	289·2	297·4	12th	282·2	278·0	22nd	285·7	*285·3*	+1·0	88	− 34
1268	Lord Howe Island	31 20	159 0	4·9	1016·0	1016·6	−0·3	292·1	294·3	13th	287·0	283·1	24th	289·6	..	+0·7	229	+ 24
1271	Auckland	36 51	174 48	40·8	..	1020·9	+6·4	286·9	290·2	17th	281·1	276·9	7th	284·0	..	+0·1	128	− 1
1272	Napier	39 29	176 55	1·5	..	..	..	284·8	288·8	15th	277·7	272·2	12th	281·3	..	−1·1	110	+ 13
		S.	E.															

JULY - ZONE 13 — BETWEEN LATITUDE 40° S. AND 50° S.

		S.	W.															
1301	Chatham Island	43 57	176 31	45·7	1014·9	1020·5	+11·5	..	..	..	..	..	..	..	..	..	49	− 52
1321	Isla Guafo	43 34	74 45	140	998·6	1015·7	+1·5	281·0	283·8	18th	278·3	275·5	26th,27th	279·7	*279·7*	−0·6	103	− 10
1322	Punta Galera	40 1	73 44	40	1013·7	1018·6	+3·1	283·2	286·2	2nd	278·5	273·5	7th,8th	280·9	*280·7*	−0·9	152	−148
1323	Sarmiento	45 33	69 1	272	981·3	1014·7	+1·5	281·4	287·5	2nd	270·7	259·9	10th	276·0	276·3	+0·3	1	− 19
1324	Puerto Madryn	42 46	W. 65 2	14	1015·2	1016·9	+2·9	286·2	293·4	20th	273·0	265·0	9th	279·6	279·9	−0·2	5	− 6
1365	ǂLaunceston	41 27	E.147 10	81·1	1008·9	1018·7	+4·5	285·2	287·2	20th	276·4	270·8	31st	280·8	*280·4*	+0·9	27	..
1366	ǂHobart	42 53	147 20	53·9	1010·6	1017·3	+3·8	284·8	288·5	26th	277·6	273·9	16th	281·2	*280·8*	+0·4	29	− 25
1369	Invercargill	46 25	168 21	3·7	..	..	..	282·7	289·1	31st	274·2	270·2	4,6,21	278·4	..	0·0	44	− 38
1370	Alexandra	45 15	169 24	159	..	..	..	279·8	286·4	29th	272·3	268·7	2nd	276·0	275·9	..	15	..
1371	Dunedin	45 52	170 31	6·1	..	1021·4	+7·4	282·4	290·3	31st	275·3	271·9	5th	278·9	..	+0·1	56	− 24
1371a	Christchurch	43 32	172 39	7·6	..	1021·3	+8·5	282·4	291·3	31st	275·1	270·1	11th	278·7	..	−0·2	39	− 30
1372	Wellington	41 16	174 46	127	1005·6	1021·2	+8·5	283·2	288·5	25th	278·8	274·4	28th	281·0	280·7	−0·9	152	+ 9
		S.	E.															

JULY - ZONE 14 — BETWEEN LATITUDE 50° S. AND 60° S.

		S.	W.															
1421	Islota de los Evangelistas	52 24	75 6	55	995·6	1002·3	−0·4	279·7	280·5	31st	278·2	276·5	11th	278·9	*279·0*	+2·0	247	+ 19
1422	Magallanes	53 10	70 54	8	1002·7	1003·7	+0·4	278·5	283·6	30th	273·7	268·8	12th	276·1	*275·9*	+1·0	27	− 3
1423	Punta Dungeness	52 24	68 26	5	1003·2	1003·8	+1·1	277·9	280·0	Sev. dates	274·0	268·0	11th	275·9	*275·9*	+0·4	31	+ 10
1424	Santa Cruz	50 1	68 31	13	1012·4	1014·0	+7·2	278·3	285·6	22nd	272·0	265·0	12th,13th	275·2	275·2	+0·5	8	− 8
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1006·9	+3·5	278·2	281·3	1st	273·8	270·2	10th	276·0	..	+1·0	35	− 15
1426	Cape Pembroke	51 41	57 42	21·3	1003·7	1006·3	+3·3	278·6	281·9	2nd,3rd	274·4	270·8	10th	276·5	276·8	+1·2	..	..
1429	S. Georgia (Cumberland Bay)	54 16	36 30	4	1002·7	1003·2	+5·4	276·3	286·2	4th	270·4	264·4	10th,12th	*273·3*	*272·7*	+1·5	188	+ 48
		S.	W.															

JULY - ZONE 15 — BETWEEN LATITUDE 60° S. AND 70° S.

		S.	W.															
1527	South Orkneys	60 43	44 47	7	996·1	997·0	+2·5	269·2	276·1	3rd	260·6	250·0	9th	264·9	265·3	+3·0	30	− 4
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

ǂChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE
FOR THE MONTH OF AUGUST 1933
BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

AUGUST - ZONE 0

BETWEEN LATITUDE 90° N. AND 80° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
047	Calm Bay	80 20	52 48	5·9	1004·2	1004·9	..	..	278·3	..	..	267·4	..	..	*272·9*	..	20	..

AUGUST - ZONE 1

BETWEEN LATITUDE 80° N. AND 70° N.

		N.	W.															
101	Wrangel Insel	70 58	178 33	3·0	1007·0	1007·4	−4·1	277·3	285·2	..	272·6	270·2	..	274·9	*274·6*	−0·3	18	− 3
105	Barrow	71 23	156 17	4·6	..	1006·4	−6·2	278·9	287·4	24th	272·9	267·4	22nd	275·9	..	−0·5	8	− 9
121	Pond Inlet	72 43	78 30	4·0	..	1007·6	..	279·8	288·6	14th	274·4	271·9	7,9,11	277·1	*277·3*	−0·8	21	..
125	Upernivik	72 47	56 7	19·2	1004·7	1007·0	−4·2	282·0	285·4	5th	276·2	273·5	9th,10th	279·1	*278·7*	+0·8	21	− 7
131	Myggbukta	73 29	21 34	3·2	..	1008·3	..	..	288·0	10th	272·7	269·0	27th	..	*276·4*	..	1	..
132	Scoresbysund	70 29	21 58	16·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
135	Jan Mayen	70 59	W. 8 18	23·1	1003·5	1006·3	−5·5	..	284·7	18th	278·6	275·7	30th	..	*280·3*	+1·6	40	+ 14
139	Svalbard Radio	78 13	E. 15 38	53·0	1000·2	1006·7	−5·5	..	284·7	20th	276·6	273·2	30th	..	*278·1*	..	40	..
140	Bjornoen	74 28	19 17	29·2	1003·8	1007·4	−4·0	..	283·2	14th	276·4	273·5	31st	..	*278·3*	+0·5	47	+ 20
141	Ingoy	71 4	24 9	4·3	1008·0	1008·5	−2·4	..	291·0	3rd	281·5	278·1	27th	..	*283·4*	+0·4	40	− 6
142	Sletnes	71 5	28 14	10·2	1007·9	1009·1	−1·4	..	294·4	17th	280·5	276·1	28th	..	*283·2*	..	52	..
143	Vardö	70 22	31 6	12·1	1008·5	1010·0	−1·6	..	290·4	16th	281·0	277·4	27th	..	*283·0*	+1·0	23	− 29
147	Malye Karmakouly	72 23	52 44	15·3	1008·3	1010·1	−1·9	..	289·0	..	..	273·0	..	..	*279·1*	+0·1	10	− 28
148	Vaigatch	70 24	58 48	11·2	1007·4	1008·8	−2·8	278·6	282·9	..	274·2	270·3	..	276·4	*276·5*	−1·9	26	− 8
149	Russian Harbour	76 14	62 39	9·3	1007·6	1008·8	..	..	284·7	..	..	271·5	..	..	*276·2*	..	11	..
150	Cape of Desire (Zhelanya)	76 57	68 34	8·0	1007·5	1008·5	..	..	283·6	..	..	269·8	..	..	*275·0*	..	20	..
153	Dikson	73 30	80 23	13·0	1004·0	1005·6	−4·0	277·2	283·4	..	273·6	270·7	..	275·4	*275·1*	−2·9	57	+ 20
162	Bulun	70 45	127 47	35	1005·2	1009·4	−1·0	..	298·5	..	..	273·6	..	..	*283·5*	+0·9	..	..
165	Great Liakhov Is. (Cape Shalaurov)	73 11	143 14	7	1008·0	1008·9	..	..	287·5	..	..	270·8	..	..	*275·5*	..	12	..
		N.	E.															

AUGUST - ZONE 2

BETWEEN LATITUDE 70° N. AND 60° N.

		N.	W.															
201	Cape Otto Schmidt	68 55	179 30	7·0	..	..	..	279·1	291·7	..	272·7	270·8	..	275·9	*275·3*	..	41	..
202	Savoonga	63 43	170 20	5·5	..	..	..	..	..	..	276·6	273·6	29th	..	..	..	43	..
203	Nome	64 30	165 24	6·7	1006·4	1007·1	−1·4	285·9	291·9	10th	278·6	273·0	18th	282·3	*282·8*	−0·6	59	− 21
204	Bethel	60 45	161 47	11·6	..	1008·8	−1·8	287·8	293·0	16th	280·9	272·4	26th	284·3	..	−0·2	66	− 40
205	Tanana	65 10	152 6	69·5	1001·7	1009·5	−1·3	291·7	301·9	2nd	277·0	266·9	26th	284·3	*284·3*	−0·5	45	− 16
206	Rampart	65 30	150 15	114	..	..	..	288·4	296·9	1st	276·8	268·0	31st	282·6	..	−3·5	41	+ 4
206a	Holy Cross	62 16	159 50	15·2	..	..	..	290·7	297·4	3rd	281·6	273·0	25th	286·1	..	†1·5	77	− 16
207	Cordova	61 31	145 36	13·1	..	1013·2	−0·4	287·8	292·4	1st	282·7	280·2	19th	285·3	..	−0·1	497	+149
208	Fairbanks	64 51	147 39	138	992·2	1009·1	..	290·6	300·8	1st	279·6	270·8	27th	285·1	*285·7*	−0·6	55	+ 4
209	Dawson	64 4	139 29	324	972·6	1010·9	..	..	..	..	278·5	269·7	31st	..	‡*285·4*	..	32	− 4
210	Aklavik	68 14	134 50	7·6	1007·3	1008·2	..	289·2	299·7	2nd,3rd	280·6	275·8	31st	284·9	*284·6*	..	13	..
211	Fort Good Hope	66 15	128 38	65·2	1006·1	1013·9	..	293·4	301·9	3rd	280·1	268·0	29th	286·7	*288·2*	†2·1	44	+ 19
212	Fort Simpson	61 52	121 15	126	993·7	1008·6	..	296·3	302·4	11th	282·4	277·4	23rd,26th	289·3	*289·4*	†2·5	20	− 17
213	Hay River	60 51	115 57	161	990·4	1009·3	..	294·4	301·9	10th	283·4	276·9	24th	288·9	289·3	†2·1	42	− 2
214	Coppermine	67 49	115 10	4·6	1008·8	1009·4	..	289·2	298·6	3rd	280·6	271·9	28th,30th	284·9	*284·0*	..	16	..
218	Chesterfield	63 45	91 50	4·0	1007·1	1007·6	..	285·4	293·6	8th	278·4	274·1	31st	281·9	*281·8*	†0·5	54	..
221	Nottingham Island	63 7	77 56	16·5	1003·2	1005·2	..	281·5	288·0	6th	275·4	273·0	21st,31st	278·5	*278·5*	..	52	..
223	Hope's Advance	61 5	69 33	73·2	995·6	1004·6	..	280·3	287·4	16th	275·2	272·4	30th,31st	277·7	*277·8*	..	48	..
224	Resolution Island	61 18	64 53	38·7	998·1	1002·9	..	278·8	283·0	18th,26th	274·2	271·3	2nd	276·5	*276·7*	..	47	..
225	Jacobshavn	69 13	51 2	31·6	999·8	1003·7	−6·7	283·0	288·3	4th	277·7	275·7	1,2,23	280·3	*280·8*	†1·2	29	− 7
226	Godthaab	64 10	51 43	20	..	..	..	285·0	289·6	9th	276·3	273·1	31st	280·7	*281·0*	†1·8	41	− 38
227	Ivigtut	61 12	48 10	30·0	1000·6	1004·2	−5·6	285·8	290·3	19th	278·2	274·9	4th	282·0	*281·9*	†0·4	65	− 31
229	Angmagsalik	65 36	37 33	29·3	1001·6	1005·2	−7·0	284·4	287·2	3rd	277·3	272·9	10th	280·9	*280·4*	†1·5	62	+ 4
231	Stykkisholm	65 5	22 46	25	..	1003·8	−6·0	288·0	292·7	5th	281·8	276·8	16th	284·9	*283·8*	†1·6	59	+ 18
232	Vestmanno	63 24	20 17	122	..	1003·5	−5·5	285·5	288·4	27th	281·6	279·1	16,19,21	283·5	*283·6*	†1·1	97	+ 19
233	Grimsey	66 33	18 1	22	..	1004·2	−6·5	284·5	290·2	1st	279·7	277·0	8th,20th	282·1	*281·8*	†2·0	86	+ 54
233a	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	57	..
234	Teigarhorn	64 41	14 22	18	..	1003·6	−5·9	288·2	293·2	2nd	280·9	278·6	15th	284·5	*284·1*	†2·7	104	+ 24
235	Höjvig	62 3	6 45	22·9	1003·8	1006·5	−3·4	286·8	289·5	26th	283·5	281·2	11th	285·1	*285·0*	†1·6	147	+ 55
236	Lerwick	60 9	W. 1 8	48·8	..	1009·7	−0·1	287·6	290·2	26th	284·3	281·9	12th	285·9	*286·1*	†1·0	92	+ 15
237	Bergen, Fredriksberg	60 24	E. 5 19	44·4	1006·2	1011·5	†1·5	290·9	295·7	27th	284·7	281·7	20th	287·8	*287·4*	†0·8	257	+ 98
238	Ona	62 52	6 33	14·6	1008·0	1009·8	−0·1	..	295·7	28th	285·3	283·6	12th	..	*286·7*	†1·3	200	+125
239	Trondheim	63 26	10 25	59·2	1002·4	1009·5	†0·1	290·2	296·1	18th	282·9	278·2	21st	286·5	*286·1*	†0·1	152	+ 76
240	Bodö	67 17	14 26	17·0	1006·3	1008·3	−1·6	..	293·0	16th	283·2	278·4	2nd	..	*285·7*	†0·6	89	+ 12
241	Haparanda	65 50	24 9	9·2	1008·4	1009·5	−0·7	290·4	295·0	18th	282·3	277·8	13th	286·3	*286·2*	†0·4	24	− 30
242	Helsingfors	60 10	24 57	11·7	1008·2	1009·6	−0·6	291·6	295·7	2nd	284·6	280·6	14th	288·1	*287·7*	−0·6	70	− 4
242a	Kuopio	62 55	27 40	233	981·8	1009·5	−0·7	289·2	293·0	16th	282·6	277·5	13th	285·9	*285·4*	−1·4	70	− 3
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

‡See Table of Authorities, Remarks, pages 105-15.

AUGUST - ZONE 2 cont.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 70° N. AND 60° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
243	Kola	68 53	33 1	6·7	1009·0	1009·8	–0·7	288·1	295·2	17th	279·8	273·8	7th	284·0	*284·1*	+0·3	23	– 21
244	Petrozavodsk	61 47	34 23	79·0	..	..	..	289·6	296·4	31st	282·4	276·3	13th	286·0	*285·7*	–1·4	128	+ 46
245	Arkhangelsk	64 34	40 31	6·3	1008·0	1008·8	–2·2	288·7	295·6	1st	280·8	277·5	25th	284·8	*283·8*	–2·7	20	– 42
246	Mezen	65 50	44 16	17·4	1006·8	1008·9	–1·3	286·5	292·7	31st	278·3	274·0	29th	282·4	*282·1*	–2·1	14	– 37
247	Oust-Tsylma	65 25	52 18	73·8	997·5	1006·5	–4·2	285·7	290·3	1st	279·0	273·0	15th	282·4	*281·5*	–3·0	60	– 2
248	Tcherdyn	60 24	56 31	208	979·4	1004·0	–6·6	289·0	298·0	1st	281·7	274·8	17th	285·4	*284·2*	–2·7	124	+ 53
249	Berezov	63 56	65 4	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249a	Yugor Strait	69 49	60 45	13·0	1006·3	1007·9	–2·7	279·0	287·5	..	274·1	269·5	..	276·5	*276·8*	–2·6	37	+ 2
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	..	..	..	..	..	..	..	..	..	..	..	..	..	..
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Viliouisk	63 45	121 35	120	994·3	1008·5	..	294·4	302·1	18th	282·7	276·3	9th	288·6	*288·5*	+1·2	40	– 1
262	Iakoutsk	62 1	129 43	108	995·9	1008·5	+1·0	296·5	302·1	19th	281·8	274·5	10th	289·2	*289·4*	+1·6	47	– 2
263	Verkhoisnsk	67 33	133 24	100	990·0	1001·9	–5·6	292·8	302·6	15th	278·5	270·2	26th	285·6	*285·5*	+1·9	19	– 5
264	Petropavlovskoe	60 25	134 28	?163	987·5	1006·9	..	295·5	301·6	1st	282·6	273·8	31st	289·0	*288·3*	..	48	..
268	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45	177 33	17·2	..	..	..	284·6	294·3	17th	278·1	273·2	26th	281·4	*281·5*	–1·4	51	+ 13
		N.	E.															

AUGUST - ZONE 3 BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		N.	W.															
302	St. Paul Island	57 15	170 10	5·8	..	1009·5	–0·2	282·9	284·7	2,3,15	279·5	278·0	6th	281·2	..	+0·1	69	– 19
303	Dutch Harbor	53 55	166 30	4·0	1009·5	1010·1	–1·5	286·2	290·2	1st,2nd	280·1	276·9	21st	283·2	*282·9*	–1·0	62	– 10
305	Dillingham	59 0	158 28	24·4	..	..	..	288·3	294·1	10th	280·4	275·8	26th	284·3	..	–1·0	60	– 38
306	Kodiak	57 48	152 22	4·6	1009·5	1010·1	–1·0	286·8	290·2	30th	280·9	278·6	31st	283·9	*283·8*	–1·6	176	+ 48
309	Sitka	57 3	135 19	4·6	..	..	..	289·9	296·9	3rd	282·2	277·4	23rd	286·1	..	0·0	338	+157
310	Prince Rupert	54 18	130 18	51·8	1011·4	1017·6	+0·3	292·8	300·8	25th	283·7	280·2	8th	288·2	*288·3*	+1·1	115	– 14
311	Prince George	53 50	122 48	570	948·4	1013·9	..	299·8	306·3	16th	278·2	271·9	25th	289·0	*289·1*	+1·0	13	– 37
312	Kamloops	50 41	120 20	385	970·4	1014·3	–1·7	302·4	309·7	16th	286·7	280·8	3rd	294·6	*294·7*	+1·6	7	– 22
313	Calgary	51 2	114 2	1079	891·5	1010·9	–0·8	296·8	306·3	18th	281·9	275·2	25th	289·3	*289·1*	+1·1	70	+ 6
314	Fort Smith	60 0	111 52	207	985·6	1009·8	..	297·1	303·6	12th	281·5	271·9	24th	289·3	*289·2*	+2·9	42	– 3
315	Prince Albert	53 10	105 45	436	962·4	1012·8	+0·1	298·3	306·3	14th	283·7	275·8	27th	291·0	*290·6*	+2·7	44	– 13
316	Qu'Appelle	50 31	103 56	654	938·2	1012·1	–0·5	298·8	308·6	19th	282·9	274·1	1st	290·9	*290·6*	+1·5	75	+ 24
317	Minnedosa	50 15	99 50	515	954·1	1013·1	+0·4	298·4	307·4	20th	283·3	275·2	28th	290·9	*290·7*	+1·6	74	+ 21
318	Berens River	52 18	97 2	219	..	..	..	296·8	304·1	14th	284·6	275·8	28th	290·7	..	+0·7	46	– 4
318a	Churchill	58 46	94 13	13·1	1011·5	1013·1	..	290·8	300·8	20,21,23	282·2	276·3	19,30,31	286·5	*286·2*	..	38	..
319	Pagwa	50 3	85 18	189	..	..	..	297·6	304·1	9th	277·0	273·0	23,26,27	287·3	..	–1·3	19	– 9
320	Moose Factory	51 14	80 30	8·8	..	..	..	295·2	301·9	24th	281·5	273·6	1st	288·3	*288·3*	+0·5	..	..
320a	Moosonee	51 13	80 31	8·8	..	1013·4	..	295·1	302·4	6th	282·2	271·9	5th	288·6	*288·3*	..	70	..
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 30	73 55	383	..	..	..	292·6	302·4	22nd	283·8	276·3	5th	288·2	..	+1·5	93	– 4
323	Fort Chimo	58 10	68 10	15·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
324	Natashkwan	50 14	61 48	6·1	..	..	..	290·9	295·8	18th	279·7	274·1	10th	285·3	..	–1·2	43	– 51
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	..	..	..	..	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1016·1	1017·7	+3·5	291·9	296·9	5th	286·7	282·6	31st	289·3	289·5	+1·4	106	– 17
335	Aberdeen	57 10	W. 2 6	26·0	1009·5	1012·6	+1·3	292·1	300·1	3rd	284·8	279·6	12th	288·5	288·4	+2·2	31	– 44
336	Greenwich	51 29	0 0	46·3	..	1017·8	+2·8	299·3	308·6	6th	286·2	281·3	24th	292·8	292·2	+3·0	13	– 53
337	Uccle	50 48	E. 4 22	100	1006·0	1017·8	+2·2	297·5	305·8	6th	286·0	281·9	29th	291·7	290·8	+1·5	56	– 18
338	De Bilt	52 6	5 11	3·0	1016·9	1017·3	+2·3	296·3	303·2	6th	285·5	278·3	13th	290·9	290·4	+0·7	55	– 29
338a	Hamburg	53 33	9 58	40·3	1012·2	1017·0	+3·2	295·4	302·2	6th	286·3	282·6	23rd	290·9	290·2	+0·8	82	+ 1
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1014·2	1014·8	+1·9	294·5	297·7	28th	286·1	282·8	24th	290·3	290·2	+2·2	36	– 31
340	Potsdam	52 23	13 4	84·9	1006·4	1016·4	+1·7	296·8	303·5	7th	285·2	281·4	31st	291·0	290·6	+0·9	50	– 8
340a	Uppsala	59 51	17 38	24	1007·5	1010·4	–0·1	294·3	298·8	29th	283·2	278·3	22nd	288·7	288·5	+0·8	57	– 15
341	Warsaw	52 13	21 3	88·3	1004·0	1014·6	–0·5	294·8	301·7	7th,17th	285·3	279·9	15th	290·0	*290·0*	–0·5	64	– 23
342	Tartu	58 23	26 43	80·8	999·8	1009·4	–2·1	292·3	296·3	2nd	283·4	278·8	29th	287·9	287·6	–0·6	139	+ 66
343	Leningrad	59 56	30 16	8·6	1007·5	1008·5	–2·4	291·0	295·0	17th	284·2	279·9	28th	287·6	*287·4*	–1·2	191	+120
344	Moscow	55 50	37 33	167·2	988·8	1008·5	–3·9	291·8	297·9	2nd	284·1	278·7	15th	288·0	*287·4*	–1·4	138	+ 65
345	Saratov	51 34	46 0	135	993·5	1009·2	–2·5	298·1	307·5	2nd	286·3	278·7	16th	292·2	*291·4*	–1·1	53	..
346	Kazan	55 47	49 8	82·4	997·5	1007·2	–4·3	293·5	304·0	3rd	284·8	278·1	16th	289·2	*288·4*	–2·0	40	– 13
347	Orenburg	51 45	55 6	109	995·5	1008·2	–4·2	298·4	308·8	3rd	286·0	279·2	15th	292·2	*291·4*	–1·3	53	+ 21
348	Perm	58 1	56 16	159	985·8	1004·5	–6·3	291·7	303·3	1st	283·4	277·6	16th	287·6	*286·6*	–1·5	59	– 16
349	Sverdlovsk	56 50	60 38	281	971·6	1004·5	–5·2	292·2	303·1	1st	283·6	276·6	16th	287·9	*286·8*	–0·9	73	+ 9
350	Tobolsk	58 12	68 14	108	992·0	1003·8	–6·2	293·6	300·5	6th	283·9	277·3	16th	288·8	*287·5*	–0·6	79	+ 12
351	Akmolinsk	51 12	71 23	347	967·2	1007·9	–3·0	297·8	305·3	29th	284·2	278·5	15th	291·0	*290·3*	–0·7	53	+ 17
352	Omsk	55 1	73 19	108	992·6	1004·9	–4·5	296·1	304·6	7th	284·8	277·8	16th	290·4	*289·8*	+0·4	20	– 28
353	Barnaoul	53 20	83 47	158	989·4	1007·7	–2·2	298·5	307·0	8th	285·3	279·4	19th	291·9	*291·2*	+1·4	61	+ 16
354	Tomsk	56 30	84 58	123	991·4	1005·7	–3·6	295·9	303·8	8th	284·8	279·3	17th	290·4	*289·5*	+1·4	74	+ 8
355	Minousinsk	53 43	91 41	249	979·0	1007·8	–1·8	299·0	306·3	7th	284·1	277·4	28th	291·6	*290·9*	+0·6	83	+ 21
356	Eniseisk	58 27	92 10	78	997·6	1006·8	–1·9	294·9	301·7	4th	283·3	275·3	7th	289·1	*288·7*	+0·1	71	+ 6
357	Irkutsk	52 16	104 19	467	955·2	1009·1	–0·6	294·3	301·6	6th	282·7	276·6	19th	288·5	*287·9*	+0·1	140	+ 64
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	665	932·7	1008·0	+0·9	296·6	301·7	14th	282·3	274·8	9th	289·4	*288·6*	+0·2	113	+ 29
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

‡See Table of Authorities, Remarks, pages 105-15.

AUGUST - ZONE 3 cont.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
361	Tygan Ourkan	54 5	124 46	379	963·8	1007·9	+0·9	296·2	301·3	7th	279·5	273·0	29th	287·8	*287·6*	–0·7	65	– 58
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	990·3	1006·8	0·0	297·1	302·3	8th	287·0	282·7	30th	292·0	*291·6*	–0·4	142	+ 27
364	Chantar Bolchoy	54 50	137 30	?20	..	..	..	..	..	..	..	..	..	..	*285·5*	..	14	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1003·6	1008·6	+0·4	294·6	303·6	4th	285·4	276·4	16th	290·0	*289·5*	+0·1	135	+ 56
366	Okhotsk	59 21	143 17	5·5	1009·0	1009·7	–0·6	289·3	296·2	30th	283·1	280·2	18th	286·2	*285·6*	+0·3	21	– 46
368	Petropavlovsk (Phare)	52 53	158 43	87·1	999·4	1009·8	0·0	290·9	299·5	8th	283·0	279·5	19th	287·0	*285·5*	+0·7	83	+ 1
369	Kluchevskoye	56 21	160 48	23·5	1007·9	1010·7	..	..	..	..	283·9	279·3	26th	..	*286·3*	..	152	..
370	Nikolskoe	55 12	165 59	6·8	1009·6	1010·4	..	..	..	..	282·1	278·9	19th	..	*283·4*	..	43	..
		N.	E.															

AUGUST - ZONE 4 BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		N.	W.															
411	Victoria, B.C.	48 24	123 19	69·5	1006·8	1015·1	–1·4	294·4	305·8	15th	285·1	283·0	9th,21st	289·7	*289·3*	+1·3	9	– 7
412	Portland, Oregon	45 32	122 41	46·6	1009·8	1014·9	–1·3	299·9	311·9	15th	287·9	284·1	31st	293·9	*293·6*	+1·8	22	+ 6
413	Macleod	49 44	113 24	953	..	..	..	299·2	308·6	19th	283·2	276·3	25th	291·2	*291·5*	+1·0	66	+ 24
414	Helena	46 34	112 4	1257	875·0	1014·5	+0·1	298·1	307·4	14th	284·9	276·3	21st	291·5	*291·9*	–0·8	78	+ 60
414a	Salt Lake City	40 46	111 54	1328	867·6	1012·2	+0·2	303·6	310·2	14th	289·1	281·3	22nd	296·3	*297·4*	–0·8	5	– 16
415	Cheyenne	41 8	104 48	1857	816·4	1014·2	–0·2	297·9	303·6	15th	284·7	280·2	24th	291·3	*291·7*	–0·6	51	+ 13
416	North Platte	41 8	100 45	860	917·7	1015·2	+0·1	300·8	308·6	11th	289·1	286·3	24th	295·0	*294·8*	–0·4	85	+ 25
416a	Bismarck	46 47	100 48	510	954·9	1014·5	0·0	301·1	308·6	9th	286·3	277·4	28th	293·7	*293·9*	+0·9	12	– 37
417	Winnipeg	49 53	97 7	232	987·7	1014·7	..	299·2	306·9	5th	285·2	276·3	28th	292·3	*292·1*	+1·6	92	+ 37
418	Duluth	46 47	92 6	345	975·3	1016·2	+1·4	296·3	302·4	6th	285·2	280·8	3rd	290·8	*290·2*	+0·7	25	– 57
419	Port Arthur	48 27	89 12	196	991·9	1015·0	+0·2	296·2	300·8	4th	283·8	277·4	29th	290·0	*289·4*	+1·8	41	– 31
420	Chicago	41 47	87 35	205	992·5	1016·9	+1·0	298·6	305·8	12th	291·2	286·3	19th	294·9	*294·5*	–0·8	29	– 48
421	Toronto	43 40	79 24	116	1002·6	1016·2	+0·6	299·1	308·6	1st	288·2	285·2	4th	293·6	*293·5*	+1·0	61	– 10
422	¤New York (Central Park)	40 47	73 58	47·4	1010·2	1015·7	–0·8	300·8	310·8	1st	292·8	288·6	11th	296·8	*296·5*	+0·6	225	+112
423	St. John, N.B.	45 17	66 4	36·3	1012·2	1016·5	..	294·5	299·1	5th,22nd	285·7	283·0	6th	290·1	*289·6*	+0·8	179	+ 81
424	S.W. Point, Anticosti	49 24	63 33	9·1	1012·5	1013·6	..	289·1	291·3	4,17,24	281·9	276·3	6th	285·5	*285·8*	–1·0	40	– 48
424a	Sable Island (Main Station)	43 57	60 6	7·6	1017·1	1018·0	..	293·5	296·9	20th	288·6	285·8	6th,7th	291·1	*290·8*	+0·8	161	+ 76
426	St. John's, Newfoundland	47 34	52 42	74·1	1007·3	1016·1	+1·6	292·7	299·7	20th	284·6	279·7	26th	288·7	*288·7*	+0·3	136	+ 42
435	Madrid	40 24	3 41	667	941·2	1014·1	–0·2	308·5	311·9	8th	293·2	289·4	22nd	300·8	*299·4*	+4·2	6	– 1
436	Nantes	47 15	W. 1 34	36·5	1013·7	1017·9	+0·7	300·9	309·0	6th	287·8	283·8	27th	294·4	*293·9*	+3·4	77	+ 30
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1012·5	1018·4	+1·8	299·4	306·5	6th	287·6	283·5	25th	293·5	293·4	+2·7	13	– 37
438	Marseille	43 18	5 23	75	..	1016·2	+0·8	302·0	305·3	13th	290·3	287·0	25th	296·2	*295·7*	+1·3	0	– 21
438a	Zürich	47 23	8 33	493	961·7	1018·3	+1·1	299·5	307·6	11th	286·6	282·1	25th	293·1	*292·1*	+1·7	61	+ 68
439	Rome	41 54	12 29	45·5	1009·9	1015·1	+0·1	304·9	308·3	14th	292·9	288·5	31st	298·9	*298·9*	+1·8	40	+ 14
440	Catania	48 15	16 22	203	993·4	1017·1	+1·7	297·1	305·6	12th	288·0	282·4	30th	292·6	*292·3*	–0·2	64	– 5
440a	Budapest	47 31	19 1	130	1000·5	1015·7	+0·6	301·2	309·9	11th	288·5	283·5	30th	294·9	*294·2*	+0·5	55	+ 6
441	Sofia	42 42	23 20	550	952·5	1015·1	+0·4	298·1	306·3	22nd	287·0	283·1	30th	292·5	*292·4*	–0·9	77	+ 23
442	Bucharest	44 25	26 6	82	1004·9	1014·4	+0·5	300·7	309·3	21st	288·1	282·5	26th	294·4	*294·0*	–1·2	79	+ 28
443	Odessa (Observatory)	46 26	30 46	42·8	..	..	..	296·9	301·4	20th	288·8	282·8	28th	292·8	*292·5*	–2·5	59	+ 27
444	Novorossiisk	44 44	37 49	37·1	1008·2	1012·5	+0·3	299·6	304·3	12th	291·3	285·8	16th	295·4	*295·2*	–1·3	32	– 6
445	Tiflis	41 43	44 48	404	965·1	1010·3	–1·2	304·6	309·5	25th	292·7	286·5	19th	298·6	*297·9*	+1·0	10	– 28
446	Astrakhan	46 21	48 2	–20	1014·3	1012·0	–1·0	301·2	306·7	4th	291·2	282·6	17th	296·2	*295·1*	–1·1	9	– 3
447	Fort Alexandrovsk	44 31	50 7	–23·0	1013·4	1010·7	–0·7	300·4	308·3	14th	293·2	287·8	18th	296·8	*296·5*	–1·0	6	– 6
448	Krasnovodsk	40 0	52 59	– 7·4	1010·2	1009·4	–0·7	306·4	313·2	8th	297·4	289·8	18th	301·9	*300·6*	–0·7	0	– 5
449	Kasalinsk	45 46	62 7	66·7	1003·5	1011·2	+0·7	304·4	312·1	30th	290·0	283·9	18th	297·2	*296·8*	+0·4	1	– 7
450	Tashkent	41 20	69 18	479	952·6	1005·6	–1·3	307·5	312·1	9th	289·6	284·6	24th	298·6	*298·1*	+0·5	0	– 1
451	Andijan	40 44	72 20	496	949·8	1004·5	..	306·6	310·5	10th	291·7	286·7	24th	299·2	*298·4*	..	0	..
452	Alma Ata	43 16	76 55	848	914·8	1006·9	–0·9	303·9	309·4	17th	291·0	286·6	26th	297·4	*296·8*	..	6	– 21
459	Peiping	40 0	116 22	84·5	999·3	1009·0	..	302·2	308·3	5th	291·5	285·8	20th	296·9	296·6	..	137	..
461	Fengtien (Moukden)	41 47	123 24	44·3	1000·3	1005·5	–1·2	301·6	306·5	5th	291·6	288·6	12th,22nd	296·6	296·2	–0·4	215	+ 64
462	Joshin	40 40	129 12	31·9	1004·3	1008·0	–0·3	298·4	300·4	7th	292·2	290·1	23rd	295·3	294·7	–0·4	257	+112
463	Yuki	42 20	130 24	63·8	1000·8	1008·2	0·0	296·7	302·6	6th	290·9	288·2	14th	293·8	293·7	–0·7	359	+179
464	Vladivostok	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
465	Ochiai	47 20	142 47	27·4	1006·9	1010·2	+0·3	296·8	305·4	5th	287·4	281·1	20th	292·1	291·9	+1·9	80	– 18
466	Nemuro	43 20	145 35	26·7	1009·3	1012·3	+0·8	295·4	302·3	23rd	289·0	284·8	18th,21st	292·2	292·0	+2·0	119	+ 9
466a	Syana	45 14	147 53	39·3	1007·8	1012·4	+0·9	295·8	301·0	4th	288·7	280·6	1st	292·3	292·1	+3·3	153	+ 54
		N.	E.															

AUGUST - ZONE 5 (AMERICA) BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		N.	W.															
511	San Francisco	37 48	122 26	47·2	1006·8	1012·5	–1·6	292·1	300·8	16th	284·8	283·0	13th	288·4	*287·6*	+1·1	0	– 1
512	Sacramento	38 35	121 30	20·1	1007·4	1009·8	–1·7	306·2	316·9	13th	287·9	284·7	26th	297·1	*297·1*	+1·4	0	0
513	San Diego	32 43	117 10	26·5	1008·4	1011·5	–1·0	294·7	299·7	14th	289·8	287·4	30th	292·2	*291·9*	–1·0	0	– 2
514	Modena	37 48	113 54	1668	834·4	1011·2	–0·9	303·3	309·7	13th	284·6	280·2	30th	293·9	*293·7*	+0·5	38	0
515	Santa Fé	35 41	105 57	2138	791·4	1012·2	+0·1	299·3	303·6	10th	286·5	283·0	26th	292·9	*292·5*	+0·5	48	– 13
516	Denver	39 45	105 0	1613	839·8	1013·9	–0·3	300·7	305·8	15th	288·2	283·0	28th	294·4	*294·4*	–0·2	21	– 15
517	Abilene	32 23	99 40	530	953·2	1012·8	–0·7	308·4	311·3	14th	295·7	291·9	30th	302·1	*301·2*	+1·5	15	– 47
518	Saint Louis	38 38	90 12	173	995·2	1015·2	–0·2	303·8	310·2	12th	293·1	289·1	19th	298·4	*298·1*	+0·2	15	– 73
519	Mobile	30 41	88 2

AUGUST - ZONE 5 (EUROPE, AFRICA, ASIA) TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	Mean at M.S.L.	Diff. from Normal	TEMPERATURE Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean*	Diff. from Normal	PRECIPITATION Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 8	40	1019·0	1024·5	+1·4	299·3	303·5	18th	293·5	290·1	27th	296·4	296·1	+0·9	82	− 7
531	Horta	38 32	28 38	65	1015·3	1023·1	+0·3	299·8	302·7	2nd, 15th	292·5	290·0	15th	296·2	295·8	+0·5	36	− 41
532	Ponta Delgada	37 44	25 40	22	1019·9	1022·6	+0·3	297·8	300·0	15th	292·5	290·5	23rd	295·2	295·1	+0·2	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	65	+ 4
533	Madeira (Funchal)	32 38	16 55	25	1017·3	1020·2	+0·9	297·4	298·7	13th	292·4	291·0	24th	294·9	*295·1*	−0·2	0	− 3
535	Lisbon	38 43	9 9	95	1005·9	1016·9	0·0	301·2	309·3	8th	291·5	288·7	22nd, 31st	296·3	295·9	+1·2	0	− 6
536	Gibraltar	36 6	5 21	27·4	..	1016·5	−0·2	302·6	308·6	9th	294·9	292·4	27th	298·7	297·7	+1·3	0	− 3
536a	Colomb-Béchar	31 37	W. 2 13	769	927·9	1010·7	+0·3	310·8	313·3	25th	298·1	294·7	18th	304·5	*304·6*	0·0	1	0
537	Palma	39 34	E. 2 39	23	1014·3	1017·0	−0·9	304·9	307·2	11th	291·5	288·0	6th	298·2	*297·7*	−0·3	0	− 17
538	Algiers	36 46	3 13	59	1009·7	1016·5	+1·0	302·4	310·1	14th	295·5	292·5	7th	298·9	298·6	+0·7	0	− 1
538a	Gadames	30 8	9 30	361	..	..	..	315·1	321·0	24th	291·5	286·0	30th	303·3	..	−2·3	0	0
539	Tunis	36 48	10 10	66	1008·4	1016·0	+0·7	304·5	312·8	15th	293·1	289·4	30th	298·8	*298·6*	−0·4	0	− 5
540	Melta	35 54	14 31	71·2	..	1015·5	+1·2	301·5	306·3	16th	294·6	289·7	28th	298·1	*297·4*	−1·1	20	+ 17
541	Athens	37 58	23 43	107	999·7	1011·9	0·0	305·2	310·2	23rd	294·6	291·3	30th	299·9	299·1	−0·5	2	− 8
542	Alexandria	31 12	29 53	32	1007·2	1010·9	+0·8	302·7	305·8	30th	295·6	293·0	29th	299·1	*298·5*	−0·7	0	0
543	Ankara	39 58	32 48	861	914·3	1008·4	−2·3	302·6	308·0	23rd	287·8	280·4	16th	295·2	*295·8*	..	3	..
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1006·5	+0·3	308·6	310·8	20th, 22nd	293·3	291·3	23rd, 30th	300·9	..	−0·3	0	0
544	Beirut	33 54	35 28	33·7	..	1008·4	+0·2	304·4	310·1	1st	295·9	294·4	29th	300·2	*300·0*	−0·2	0	− 1
545	Hinaidi	33 17	44 29	32·9	996·7	1000·3	0·0	316·5	319·7	26th	298·0	294·1	18, 23, 29	307·3	*307·1*	−0·1	0	0
546	Lenkoran	38 46	48 51	−20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	Tehran	35 41	51 25	1220	..	..	..	309·5	313·6	5th	295·9	290·8	22nd	302·7	*302·4*	+0·8	0	− 1
548	Meshed	36 17	59 36	946	..	..	..	307·7	311·9	10th	..	..	..	..	..	..	1	0
549	Seistan	31 2	61 30	?610	945·1	..	..	312·1	315·2	4 days	298·8	293·0	29th	305·4	..	+1·0	0	0
550	Quetta	30 10	67 1	1647	830·0	..	−0·1	306·8	309·1	4 days	293·0	289·7	29th, 31st	299·9	*299·6*	+2·1	14	+ 3
551	Peshawar	34 1	71 35	355	963·3	1002·5	+1·9	307·2	311·9	11th	298·4	294·7	27th	302·8	*302·3*	−1·6	125	+ 68
551a	Lahore	31 35	74 20	214	978·4	1002·2	+2·1	305·4	309·1	12th	298·5	296·3	15th	301·9	*301·4*	−2·2	238	+103
552	Simla	31 6	77 10	2202	779·5	..	+1·3	292·6	296·9	5th	287·7	285·8	26th	290·2	*289·9*	−0·4	311	−129
552a	Leh	34 9	77 34	3503	667·1	..	+2·0	295·6	300·8	11th	282·8	280·2	16, 17, 22	289·2	*287·8*	−1·1	112	+ 98
558	Sian	34 31	109 5	365	962·9	1003·1	..	306·1	315·0	16th	297·5	293·0	1st, 22nd	301·8	301·8	..	89	..
559	Hankow	30 35	114 17	39·1	1001·6	1006·0	+0·5	307·2	312·4	8th	299·4	293·9	31st	303·3	*302·8*	+1·2	229	+125
560	Tientsin	39 9	117 9	6·4	1005·4	1006·0	−0·9	303·5	309·3	5th	293·6	288·8	21st	298·6	*298·2*	−0·6	107	− 45
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1004·9	1005·7	−0·2	307·0	310·6	7th	296·7	293·5	22nd	301·9	300·8	+0·8	140	− 3
562	Jinsen (Chemulpho)	37 29	126 38	70·4	998·4	1006·4	−0·9	300·9	305·6	2nd	294·2	292·2	22nd	297·6	297·2	−0·4	143	− 84
562a	Nagasaki	32 44	129 52	133	992·9	1007·9	−0·4	303·2	305·4	2nd	296·2	293·1	28th	299·7	299·1	−0·5	210	+ 26
563	Kyoto	35 1	135 44	42·9	1004·6	1009·5	+0·6	305·6	308·4	20th	295·5	293·1	11th	300·5	299·8	+0·7	136	− 9
564	Tokyo	35 41	139 46	5·8	1009·5	1010·1	+0·1	304·6	307·4	23rd	297·1	295·5	18th, 30th	300·9	300·5	+2·1	43	−103
565	Hukusima	37 45	140 28	68·5	1002·5	1010·4	+0·7	304·3	308·2	28th	294·9	293·0	18th	299·6	298·9	+1·6	328	+174
566	Miyako	39 38	141 59	30·4	1006·9	1010·4	0·0	301·6	305·9	28th	293·5	290·3	16th	297·5	296·8	+1·8	182	+ 4
		N.	E.															

AUGUST - ZONE 6 (AMERICA, AFRICA) BETWEEN LATITUDE 30° N. AND 20° N.

		N.	W.															
601	Midway Island	28 13	177 22	5·8	1019·0	1019·7	..	303·3	304·7	Sev. dates	..	..	..	..	..	..	56	− 37
605	Honolulu	21 19	157 52	11·6	1016·9	1018·3	+1·9	299·9	300·8	23rd	294·9	293·6	25th	297·4	*297·2*	−1·4	15	− 19
613	Guaymas	27 55	110 53	8·3	1008·0	1008·9	−2·0	308·2	313·8	10th	299·9	295·7	26th	304·1	*303·0*	+0·1	129	+ 45
614	La Paz, Mexico	24 10	110 18	18	1006·3	1008·4	..	305·0	308·0	4th	295·0	293·0	11th	300·0	*299·4*	..	0	..
615	Leon	21 7	101 41	1809	818·2	1005·6	−4·1	299·0	302·2	2nd	287·3	285·5	26th	293·1	*292·3*	−1·2	194	+ 61
616	Monterry	25 40	100 18	528	952·4	1011·1	+0·2	302·8	307·8	3rd	295·4	294·0	12th	299·1	*298·1*	−2·2	376	+327
617	Tulancingo	20 5	98 22	2181	789·9	..	−1·6	295·0	301·4	4th	284·7	281·0	26th	289·9	*288·7*	−0·6	205	+155
618	Galveston	29 18	94 50	16·5	1012·2	1014·2	−1·0	304·1	306·9	23rd	299·3	296·3	15th	301·7	*301·3*	+0·5	52	− 67
618a	New Orleans	29 57	90 4	16·2	1012·8	1014·5	−0·7	305·3	307·4	27th	298·0	294·7	17th	301·7	301·1	+0·8	185	+ 40
619	Merida, Yucatan	20 58	89 38	22	1009·7	1012·2	−2·9	304·4	306·4	5th	296·7	295·4	14th	300·5	*299·7*	−0·1	142	− 1
620	Havana	23 7	82 25	77·0	1004·2	1013·0	−2·5	304·4	306·6	11th	296·2	293·0	17th	300·3	299·7	−0·3	165	+ 42
620a	Key West	24 33	81 48	6·7	1013·2	1013·9	−1·7	304·5	306·3	23rd	298·9	295·2	16th	301·7	*301·5*	0·0	124	+ 11
621	Nassau, Bahamas	25 5	77 20	5·4	..	1015·2	−1·2	304·3	305·8	29th	299·4	298·0	2nd	301·9	*302·0*	+0·6	3	−164
622	San Salvador (Watling Island)	24 6	74 26	33·5	1014·5	1018·3	+1·0	..	306·3	22nd	..	297·4	1, 5, 9	..	*300·4*	−1·0	..	..
633	Port Etienne	20 56	17 3	4	1009·7	1010·2	..	..	..	..	..	..	..	..	‡*295·1*	..	0	− 2
634	La Laguna	28 28	16 20	547	952·5	1014·5	−1·2	298·2	301·5	9th	285·5	284·6	23rd	291·9	*292·8*	−3·3	0	− 2
634m	Izaña	28 19	16 30	2367	773·6	..	+0·6	295·6	298·0	2nd, 3rd	287·9	285·1	1st	291·8	290·9	+1·0	0	0
636	Adrar	27 52	W. 0 17	285	978·8	1009·7	..	314·9	318·3	24th	297·6	293·2	9th	306·3	*308·4*	..	0	..
638	Tamanrasset (Fort Laperrine)	22 47	E. 5 31	1350	865·3	1005·4	+0·6	306·7	308·3	6th	293·8	290·1	28th	300·3	300·6	−0·8	0	− 11
639	Gat	24 58	10 11	566	..	..	..	313·7	319·8	6th	298·7	296·0	14th	306·2	*306·1*	..	0	..
640	Hon	29 8	15 56	207	..	..	..	310·3	314·3	28th	294·0	291·9	10th	302·1	*303·1*	..	0	..
641	Giarabub	29 44	24 31	15	..	..	..	308·5	312·4	30th	294·2	292·3	18th	301·3	*302·7*	..	0	..
642	Siwa	29 12	25 29	−15	1013·4	1011·8	−0·4	309·8	313·5	30th	291·2	288·8	9th	300·5	*300·6*	−1·5	0	0
643	Cairo (Helwan)	29 52	31 20	116	996·3	1009·5	+0·7	307·1	309·9	30th	293·6	291·7	23rd	300·3	300·1	−0·7	0	0
643a	Aswan	24 2	32 53	100	995·1	1006·2	−0·1	313·9	317·5	19th	298·1	296·3	6th, 7th	306·0	*305·4*	−0·2	..	..
644	Tor	28 14	33 37	1·9	1006·0	1006·2	+0·8	306·2	310·8	26th	297·0	293·3	13th	301·6	*301·2*	−0·4	0	0
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics.
‡See Table of Authorities, Remarks, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N. AUGUST - ZONE 6 (ASIA)

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	Mean at M.S.L.	Diff. from Normal	TEMPERATURE Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean*	Diff. from Normal	PRECIPITATION Total	Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	28 59	50 49	4·3	997·4	997·8	..	308·7	310·8	13th, 14th	302·1	298·0	21st, 23rd	305·4	*304·8*	+0·1	0	0
648	Jask	25 45	57 45	4·0	1000·3	1000·9	..	306·6	308·6	5, 7, 14	300·9	299·1	31st	303·7	*303·1*	−1·1	3	+ 3
649	Manora (Karachi)	24 48	66 59	4·0	1002·7	1003·1	+1·2	302·4	304·7	3rd, 4th	298·1	295·8	12th	300·3	*299·7*	−0·4	77	+ 35
650	Jacobabad	28 17	68 29	56·7	993·4	999·6	+0·6	310·6	314·7	7th	301·6	298·6	9th	306·1	*305·5*	−0·9	51	+ 26
651	Jaipur	26 55	75 50	436	954·5	1002·7	+0·6	303·3	308·0	3rd, 4th	296·9	295·2	12th	300·1	*299·1*	−1·8	303	+102
652	Nagpur	21 9	79 7	310	970·2	1004·8	+1·3	303·7	308·0	19th	296·2	294·1	24th, 25th	299·9	*299·1*	−0·2	449	+153
653	Allahabad	25 26	81 50	94·2	992·2	1002·7	+1·7	306·2	311·9	3rd	298·9	296·3	23rd	302·5	*301·9*	+0·4	236	− 61
653a	Darjiling	27 3	88 16	2265	775·0	..	+1·3	291·4	296·3	2nd, 3rd	286·5	284·1	22nd	288·9	*288·6*	−0·3	604	−104
654	Calcutta	22 32	88 20	6·4	1003·5	1004·2	+2·3	304·3	307·4	8th	298·7	296·3	19th, 20th	301·5	*301·4*	+0·4	373	+ 51
655	Gauhati	26 11	91 45	55·5	998·6	1004·9	+1·3	305·4	310·8	4th	298·6	295·2	21st, 22nd	302·0	*301·2*	+0·2	180	− 83
655a	Akyab	20 8	92 55	8·8	1006·2	1007·1	+2·1	301·9	304·7	8th	297·4	295·2	19th	299·7	*299·8*	−0·4	746	−402
655m	Cherrapunji	25 15	91 44	1313	865·9	..	+1·5	295·3	301·3	1st	291·2	289·7	25th	293·3	*292·8*	0·0	1916	−112
656	Mandalay	21 59	96 6	76·2	998·4	1006·9	+1·3	305·5	309·1	8th	298·4	296·3	30th	301·9	*301·5*	−0·9	69	− 47
656a	Tengyueh	25 0	98 40	1634	832·4	1002·5	..	297·5	302·0	1st, 2nd	290·1	288·5	6th, 29th	293·8	293·3	+0·4	159	−119
657	Phu Lien	20 48	106 38	116	..	1006·1	+3·0	304·2	307·5	8th	297·8	295·9	10th	301·0	300·5	−0·3	234	− 96
658	Moncay	21 31	107 58	9·0	..	1006·3	+2·9	304·5	310·8	8th	297·9	296·2	24th	301·2	*300·6*	−0·2	663	+ 66
659	Hongkong	22 18	114 10	33·2	..	1007·8	+3·0	304·9	306·8	3rd	299·7	297·4	8th	302·3	301·8	+1·2	44	−322
660	Amoy	24 26	118 4	4·9	1007·7	1008·2	+3·5	306·4	308·0	Sev. dates	301·0	299·0	10, 14, 22	303·7	303·1	+1·2	17	−151
661	Taihoku, Formosa	25 2	121 31	9·3	1006·9	1007·9	+3·0	307·6	310·7	13th	297·2	295·1	29th	302·4	301·7	+0·8	146	−160
661a	Basco	20 28	121 59	18·7	..	1007·6	+2·9	304·8	306·0	23rd	298·8	297·1	14th	301·8	301·6	+0·8	137	−260
662	Naha	26 12	127 39	29·5	1003·9	1007·2	+1 0	303·0	304·5	28th	298·5	296·3	20th	300·7	*300·6*	−0·2	637	+365
665	Titizima (Bonin Islands)	27 5	142 11	4·3	1009·6	1010·0	+1·5	303·9	306·0	19th	297·9	295·7	5th	300·9	300·4	+0·3	125	− 47
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N. AUGUST - ZONE 7

		N.	W.															
715	Colima	19 12	103 45	498	954·6	1010·1	−2·0	303·5	307·0	2nd	293·2	292·0	Sev. dates	298·3	*297·4*	−1·1	238	+ 68
716	Morelia	19 42	101 7	1923	808·8	1008·2	−2·3	294·9	298·2	2nd	288·0	286·0	19th	291·5	*290·7*	+0·1	177	+ 30
717	Mexico, Tacubaya	19 24	99 12	2309	774·4	..	−1·8	295·4	300·4	4th	284·3	282·1	3rd	289·9	288·5	−0·5	266	+129
718	Salina Cruz	16 12	95 12	56	1004·1	1010·5	−1·5	301·4	305·0	1st	294·9	293·2	31st	298·1	*299·0*	−2·0	840	+697
719	ø San Salvador	13 42	89 13	682	937·9	1013·6	+1·1	304·3	308·0	17th	291·7	290·4	15, 18, 19	298·0	*296·1*	−0·4	223	− 85
720	Belize	17 31	88 11	5·2	1010·6	1011·2	−2·2	304·4	305·5	21, 22, 23	297·9	294·4	28th	301·2	*300·8*	+0·4	124	− 37
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1012·9	−1·0	303·8	305·2	3rd	295·8	294·4	8th	299·8	*299·6*	−0·1	303	+138
722	Port au Prince	18 33	72 20	37·4	1009·2	1013·4	−1·1	305·3	308·6	4th	296·9	293·9	25th	301·6	*300·9*	+0·2	197	+ 61
723	Caracas	10 30	66 55	1043	898·5	1012·1	..	299·8	302·1	31st	289·1	285·0	13th	294·5	*293·8*	+0·6	170	+ 62
724	San Juan, Porto Rico	18 29	66 7	25·0	1011·8	1014·5	−1·1	303·1	306·3	21st	297·4	295·8	25th	300·3	*300·1*	+0·4	112	− 76
724a	Grenada (Richmond Hill)	12 5	61 46	188	992·3	1013·6	..	303·2	304·7	31st	296·1	294·7	14th, 28th	299·7	*299·1*	+0·2	225	− 12
725	Barbados	13 8	59 36	57·9	..	1013·6	−0·2	302·6	304·1	30th	295·7	294·1	14th, 23rd	299·1	*298·9*	−0·7	266	+ 83
731	São Vicente, C. Verde Is.	16 54	25 4	11	1011·1	1012·3	−0·2	301·7	304·0	15th, 16th	293·8	292·5	2nd, 27th	297·7	*298·7*	−0·1	5	− 34
732	ø San Tiago, C. Verde Is.	14 54	23 31	34	1009·7	1013·6	+0·4	302·4	303·5	10th	..	..	..	..	*300·7*	..	4	− 99
733	Dakar	14 40	17 26	32	1007·6	1011·2	..	302·4	304·1	12th	295·8	293·6	31st	299·1	*299·4*	0·0	335	− 19
734	ø Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	304·0	308·4	6th	296·5	294·0	27th, 31st	300·3	*299·4*	..	324	..
735	Bamako	12 39	7 58	340	973·8	1011·9	..	309·0	313·0	13th	295·9	294·0	21st, 24th	302·4	*301·5*	..	90	..
736	Kabara	16 45	W. 3 1	273	..	..	..	..	..	..	..	..	..	..	..	..	..	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	304·1	308·6	13th	295·3	293·0	7th, 25th	299·7	*299·0*	+0·2	279	+ 58
738	Kaduna Capital	10 32	7 25	584	944·0	1008·6	..	300·6	303·6	12th	293·1	291·3	18th, 26th	296·8	*296·2*	+0·4	219	− 94
739	Bilma	1 ..	12 55	356	969·4	1008·2	..	315·6	319·9	18th	294·2	289·2	5th	304·9	..	..	1	..
740	Maiduguri	11 47	13 11	361	..	..	..	304·3	307·4	11th, 12th	..	..	..	..	‡*298·7*	−0·2	285	+ 76
741	El Fasher	13 32	25 18	730	927·0	1006·2	..	307·5	314·5	29th	294·0	289·5	22nd	300·7	*299·2*	+0·8	76	− 63
743	El Obeid	13 11	30 14	563	947·1	1009·2	+0·7	304·7	308·0	2nd	294·7	292·0	23rd, 24th	299·7	*298·6*	−0·4	91	− 21
743a	Khartoum	15 37	32 33	380	965·8	1007·6	−0·3	308·3	313·9	1st	297·2	293·2	7th	302·7	*302·5*	−1·4	88	+ 8
744	Port Sudan	19 37	37 13	5·5	1005·5	1006·1	+0·9	313·2	317·5	29th	301·9	297·9	26th	307·5	*306·8*	+0·1	0	− 3
745	Berbera, Somaliland	10 26	45 2	13·8	1002·8	1004·4	−0·5	312·7	315·2	16th, 17th	304·1	297·4	23rd	308·4	*307·7*	−0·4	9	+ 7
746	Aden	12 49	45 2	29·9	999·1	1002·5	−2·0	307·2	310·2	7th	300·3	297·4	23rd	303·8	*304·0*	+0·5	0	− 3
751	Bombay	18 54	72 49	11·3	1005·8	1007·2	+0·3	302·4	304·1	4 days	297·8	296·3	1, 2, 9	300·1	300·0	0·0	478	+127
752	Kodaikanal	10 14	77 28	2343	769·9	..	+0·4	289·7	291·3	5 days	284·1	283·0	19th	286·9	286·5	+0·4	345	+167
752a	Bangalore	12 58	77 35	921	908·5	1008·8	+0·5	300·6	303·0	14, 27, 31	292·3	291·3	4 days	296·4	*295·4*	+0·3	261	+124
753	Madras	13 4	80 15	6·7	1006·8	1007·5	+0·4	306·7	310·8	7th	299·0	295·8	14th	302·9	*302·3*	+0·4	76	− 42
754	Vizagapatam	17 42	83 18	38·4	1001·0	1005·3	+1·9	303·2	306·9	8th	299·1	297·4	1, 3, 29	301·1	*300·5*	−1·2	58	− 78
755	Port Blair	11 40	92 43	18·0	1006·9	1008·9	+0·6	302·9	304·7	26th	298·8	296·9	1st, 9th	300·8	*300·2*	+0·5	294	− 79
756	Rangoon	16 46	96 11	5·5	1008·1	1008·7	+1·2	302·8	305·8	24, 25, 30	297·7	295·8	20th	300·3	*299·4*	+0·4	364	−141
757	Cap St. Jacques	10 20	107 5	180	..	1010·7	..	302·1	304·9	20th	296·5	294·4	6, 7, 25	299·3	*298·9*	−0·2	205	+ 52
758	Nhatrang	12 15	109 12	3·6	..	1007·6	..	304·3	306·6	1st, 2nd	297·0	295·4	24th, 26th	300·7	*300·2*	−1·1	128	+ 80
759	Iba	15 20	119 58	4·8	..	1008·3	+2·1	305·1	307·1	26th	296·6	295·4	15th	300·9	*300·2*	+0·9	627	−338
761	Vigan	17 34	120 23	12·2	..	1007·7	+1·8	304·6	306·2	27th, 28th	297·1	295·0	6th	300·9	300·5	+0·7	217	−504
761a	Manila	14 35	120 59	10·1	..	1008·8	+1·7	304·4	306·6	19th	296·8	295·9	8th	300·6	300·0	0·0	241	−173
762	ø Ormoc	11 0	124 36	5·6	..	1008·5	+1·3	304·9	306·2	28th	..	..	..	..	*300·2*	+0·1	183	− 52
765	Guam, Ladrone Is.	13 24	144 38	18·6	..	1009·2	+2·1	303·8	305·4	21st	297·6	295·4	7th	300·7	*300·6*	+0·3	259	−127
766	Saipan	15 14	145 46	207	987·3	1007·4	..	302·2	303·5	21st	296·9	294·8	27th	299·5	299·2	..	254	..
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics.
‡See Table of Authorities, Remarks, pages 105-15. øChange of normals, see Table of Authorities, pages 105-15.

AUGUST - ZONE 8 — TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1011·1	1011·7	+0·4	303·8	305·2	14,16,18	298·1	296·9	14,27,28	300·9	*300·5*	–0·3	41	– 75
821	Cristobal	9 23	79 54	11·0	..	1010·9	+0·1	303·7	305·8	18th	297·5	295·8	10th	300·6	299·7	+0·8	210	–165
822	Bogota	4 36	74 5	2645	748·2	..	+1·8	291·0	293·2	12th	282·4	279·9	17th	286·7	*286·2*	–0·3	49	– 8
822a	Merida, Venezuela	8 36	71 9	1641	842·4	..	..	297·7	299·8	4,15,16	288·4	286·8	12th	293·0	*291·8*	0·0	234	+ 88
823	ǂCiudad Bolivar	8 9	63 33	38	1006·3	1010·6	–1·3	304·1	306·0	24th	296·1	294·3	11th	300·1	*299·6*	–0·5	433	+264
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·6	–0·2	303·1	304·4	13,14,17	297·2	295·8	3,18,19	300·2	*299·6*	+0·2	367	+193
826	Paramaribo	5 49	55 9	3·7	1012·5	1012·9	–0·5	305·1	306·9	19th	296·1	294·9	20th,23rd	300·6	*299·9*	+0·3	264	+113
826a	Cayenne	4 54	52 21	6	1012·0	1012·7	..	304·6	305·9	31st	296·6	295·6	20th	300·6	*300·0*	+0·1	66	– 4
831	10°-5°N.,30°-25°W.	††7 24	†† 27 24	§(26-34)	..	1013·8	+0·2	..	..	Sea Temp. 299·7	+0·3	..	..	..	*299·1*	+0·1	..	..
833	Konakri	9 31	13 43	12·5	1012·2	1013·7	..	301·0	303·5	4th,15th	294·7	293·5	24th	297·8	*297·4*	–0·3	1297	+235
834	Freetown, Sierra Leone	8 29	13 14	55·0	1007·5	1013·8	+1·5	300·2	303·0	26th	..	..	..	..	‡297·7	..	951	+ 22
835	Assuantsi	5 18	1 15	97·3	1001·6	1012·8	..	299·0	301·3	12th,29th	294·4	292·4	25th	296·7	*296·3*	0·0	93	+ 31
836	Accra	5 33	W. 0 12	17·7	1012·2	1014·3	+0·4	300·8	302·4	1st	295·7	293·6	25th	298·3	*297·9*	+1·0	22	+ 6
837	Lagos	6 27	E. 3 24	1·8	1013·9	1014·3	+1·2	300·8	301·9	11,20,24	296·8	295·2	1st	298·8	*298·3*	+0·3	38	– 29
838	Victoria, Nigeria	4 1	9 12	15·5	1012·7	1014·5	..	299·2	301·9	28th	293·6	292·4	13,19,30	296·4	*296·0*	..	602	–183
839	Yola	9 12	12 30	259	..	..	..	302·8	305·8	1st,12th	295·4	293·0	25th	299·1	*298·6*	+0·2	233	+ 34
841	Barumbu	1 11	23 30	?450	..	..	..	302·3	305·5	13th	291·9	290·4	30th	297·1	*296·4*	..	225	..
842	Wau	7 42	28 3	440	960·8	1009·9	–0·1	303·1	307·0	1st	294·1	292·9	9th	298·6	298·0	+0·3	308	+ 93
843	Malakal	9 35	31 37	394	967·0	1011·1	+0·1	303·5	307·2	12th	294·6	292·6	18th	299·1	*297·9*	+0·2	287	+ 80
843a	Juba	4 53	31 35	475	958·2	1011·4	..	303·5	309·5	16th	291·7	290·0	20th	297·6	*296·6*	..	182	..
844	Kampala (Kololo Hill)	0 20	32 36	1312	869·8	1010·0	..	298·1	300·3	12th	288·8	286·3	30th	293·5	292·7	..	123	..
845	Baidoa	3 7	43 39	480	958·9	1012·3	..	303·2	307·0	30th	292·1	290·5	19,25,30	297·7	..	..	10	..
846	Sheikh	9 55	45 15	1463	..	..	..	302·1	303·6	Sev.dates	289·6	288·6	9th,24th	295·8	..	..	60	– 5
851	Minicoy	8 18	73 0	2·7	1010·7	1010·9	0·0	301·8	303·0	5 days	297·2	295·8	21,22,29	299·5	*298·9*	..	305	+123
851a	Cochin	9 58	76 14	2·7	1010·4	1010·8	0·0	300·7	301·9	Sev.dates	296·8	295·8	6,8,10	298·8	*298·2*	–0·4	506	+179
852	Colombo Observatory	6 54	79 52	7·3	..	1009·6	+0·5	301·4	302·3	5th	297·1	294·7	21st	299·2	*298·6*	–1·1	372	+290
853	Nuwara Eliya	6 58	80 46	1881	813·0	1010·6	–0·1	292·3	295·1	11th	285·4	281·9	24th	288·8	*288·1*	+0·6	296	+ 97
854	Trincomalee	8 35	81 15	30·2	..	1007·0	+0·9	304·7	307·9	11th	297·3	295·2	19th	301·0	*300·4*	–1·3	117	+ 10
855	Koetaradja	5 32	95 20	7·1	..	..	..	..	..	..	..	..	..	..	..	..	47	– 62
856	Medan	3 35	98 41	25·0	..	1009·3	0·0	304·1	307·9	8th	295·0	293·7	8th	299·5	*299·1*	+0·4	98	– 80
857	Butterworth	5 25	100 22	2·1	..	1009·0	..	304·2	305·2	Sev.dates	296·2	294·7	20th	300·2	299·8	..	179	..
858	Singapore (Mt. Faber)	1 16	103 49	90·5	..	1009·6	+0·4	304·1	306·9	Sev.dates	297·2	294·7	22nd	300·6	299·8	..	150	..
859	Sandakan	5 50	118 7	55·5	1003·3	1009·8	..	304·6	305·8	2,12,14	297·4	295·8	25th	301·0	*300·5*	+0·3	100	–100
860	Iwahig	9 44	118 38	14·3	..	1008·2	+0·9	304·1	305·7	17th	295·7	293·8	16th	299·9	*299·1*	–0·2	262	+101
861	Tagbilaran	9 38	123 51	21·3	..	1008·7	+0·8	304·7	306·5	31st	297·4	295·6	18th	301·1	300·4	–0·1	308	+184
861a	Menado	1 30	124 50	8·5	..	1009·2	+0·4	304·6	306·4	17th	296·7	295·2	13th	300·7	*300·0*	+0·3	140	+ 43
862	Surigao	9 48	125 29	6·0	..	1009·1	+1·4	305·0	307·5	20th	297·0	295·1	10th	301·0	300·4	–0·3	44	– 68
863	Kolonie, Yap	9 29	138 8	29·3	..	1011·3	+3·0	304·0	305·7	14th	297·4	296·4	9,10,16	300·7	300·1	+0·4	225	–189
864	Palau	7 20	134 29	31·8	1006·7	1010·4	+1·0	302·7	304·0	19,20,30	297·7	295·6	8th	300·2	299·9	0·0	243	–103
867	Ponape	6 58 N.	158 13 E.	38·9	1006·5	1011·0	..	302·4	303·8	22nd,31st	295·8	294·3	26th,27th	299·1	298·9	..	296	..

AUGUST - ZONE 9 — BETWEEN LATITUDE 0° AND 10° S.

902	Atafu	8 32	172 31	1·8	..	1013·5	..	..	..	..	298·9	297·2	18th	..	‡*301·3*	..	91	..
920	Lambayeque	6 46	79 55	15	1013·3	1015·1	..	297·4	299·0	4th	289·4	285·0	5th	293·4	292·5	..	0	..
921	Quito	0 13	78 30	2816	727·8	..	–0·2	294·5	298·0	14th	279·9	276·6	13th	287·2	285·5	–0·4	45	+ 23
923	Senna Madureira	9 4	68 40	135	996·4	1012·4	..	306·5	310·0	Sev.dates	291·9	282·4	1st	299·2	*297·6*	..	52	..
923a	São Gabriel do Rio Negro	0 8	67 5	85	1003·1	1012·8	..	304·5	308·8	22nd	294·8	293·2	19th	299·6	*298·3*	..	212	..
924	Manaos	3 8	60 1	43·8	1007·4	1012·4	..	306·3	308·4	30th	295·2	293·9	21st	300·8	*300·4*	+0·1	43	+ 5
925	Parintins	2 38	56 44	18	..	..	..	..	..	..	..	..	..	..	..	..	114	..
926	Taperinha	2 30	54 20	21·5	1010·2	1012·4	–0·3	305·1	307·0	24th,28th	295·2	294·2	23rd	300·2	*299·2*	+0·6	34	– 10
927	Turyassu	1 43	45 26	9·1	1011·8	1012·8	0·0	303·9	305·5	31st	294·6	293·9	5th	299·2	*298·9*	0·0	110	+ 37
928	Barra do Corda	5 30	45 16	81·0	1004·4	1013·9	..	307·3	309·4	26th	291·3	287·9	19th	299·3	*298·8*	+0·9	0	– 8
929	ǂQuixeramobim	5 16	39 15	199	991·5	1014·0	–0·3	305·0	306·4	25th	296·8	295·1	7th	300·9	*301·0*	+0·7	1	– 9
930	Fernando Noronha	3 50	32 25	106	1003·0	1014·8	+0·3	299·6	300·3	17th,27th	296·0	293·8	29th,30th	297·8	*297·9*	0·0	63	+ 18
934	Ascension Island	7 56	W. 14 25	16·8	1014·9	1016·9	+0·2	301·0	301·9	2,6,18	295·3	293·6	5th,7th	298·2	*297·3*	+0·1	4	– 8
939	Loanda	8 49	E. 13 13	59·3	..	1015·6	+0·2	296·8	299·2	8th	291·1	289·2	17th	293·9	293·2	+0·4	1	0
940	Brazzaville	4 17	15 16	320	..	..	..	..	..	..	..	..	..	..	..	..	..	..
942	Tshibinda	2 19	28 45	2115	..	..	..	294·5	296·9	4th,6th	282·6	279·8	6th	288·5	*289·2*	..	63	..
943	Masaka	0 20	31 44	1280	..	..	..	298·5	301·4	12th	288·9	286·9	5th	293·7	*293·0*	..	53	0
944	Nairobi (Kabete Obs.)	1 16	36 48	1820	822·2	1014·4	..	294·2	299·7	4th,5th	283·4	279·7	3rd	288·8	287·9	..	54	..
944a	Zanzibar (Chukwani Palace)	6 15	39 13	21	1014·5	1016·9	..	300·6	302·1	30th	295·1	293·4	29th	297·9	297·2	..	45	..
945	Afmadu	0 30	42 4	?	..	..	..	304·7	307·0	10,15,16	293·4	291·0	5th,28th	299·1	..	..	6	..
947	Seychelles, Port Office	4 37	55 27	4·6	1012·3	1012·8	–0·1	300·1	302·4	13th	296·4	294·7	11th	298·3	*297·4*	–0·3	21	– 44
957	Padang	0 56	100 22	6·7	..	1010·4	–0·1	303·5	305·4	8th	296·5	295·6	23rd	300·0	*299·6*	+0·3	360	+ 13
958	Batavia	6 11	106 50	8·0	1009·6	1010·5	+0·1	304·2	305·8	11th	296·4	295·5	6th	300·3	299·8	+0·5	50	+ 7
958a	Pontianak	0 1	109 20	2·6	..	1010·5	+0·6	304·8	307·1	7th	296·8	295·5	24th	300·8	*300·5*	+0·6	253	+ 43
959	Pasoeroean	7 38	112 55	5·0	..	1010·6	–0·5	305·6	308·0	31st	295·7	293·2	8th	300·7	*300·8*	+1·8	30	+ 24
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	17	+ 2
962	Amboina	3 42	128 10	4·2	..	1011·3	+0·1	300·5	302·2	27th	296·3	294·6	25th	298·4	*298·1*	+0·3	1840	+1438
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	174	+ 35
965	Daru	9 4	143 13	7·6	..	..	..	300·8	..	..	296·3	..	..	298·5	*298·1*	+0·4	145	+ 93
966	Port Moresby	9 29	147 9	38·4	..	1011·6	–0·3	301·7	..	..	296·4	..	..	299·1	*298·7*	+0·8	241	+223
967	Rabaul	4 9	152 12	12·5	1008·6	1010·0	+0·6	305·1	307·1	11th	296·0	294·4	18th	300·6	*300·0*	+0·5	80	– 32
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	302·7	304·1	13th,17th	297·9	296·3	18th	300·3	*300·1*	+0·3	244	+ 54
970	Ocean Island	0 52	169 35	42·6	1006·5	1011·5	+1·0	303·9	304·7	Sev.dates	298·0	296·3	14th	300·9	*300·2*	–0·1	62	– 50
972	Funafuti, Ellice Is.	8 30 S.,	179 13 E.,	2·4	1010·7	1010·9	..	304·3	305·8	21st	298·5	296·3	30th	301·4	*301·0*	..	179	..
		°	°	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
§ Number of observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
ǂChange of normals, see Table of Authorities, pages 105-15.
†† Mean latitude and longitude of the observations.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S. — AUGUST - ZONE 10

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1001	Vavau	18 39	173 59	9·1	1016·1	1017·1	..	299·3	301·8	17th	294·1	290·8	5th	296·7	*296·3*	..	84	..
1002	Apia, Samoa	13 48	171 46	2·0	..	1013·6	+1·5	302·3	303·6	15th	295·6	293·1	9th	298·9	298·5	–0·5	44	– 48
1003	Alofi, Niue Is.	19 2	169 55	19·8	..	1017·9	+2·0	300·6	303·6	26,27,30	292·2	288·0	1st	296·4	*296·2*	+0·3	71	– 52
1004	Pukapuka, Danger Is.	10 53	165 54	2·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1005	Aitutaki, Cook Is.	18 53	159 46	3·0	..	..	..	300·1	304·1	4th	292·8	289·1	28th	296·4	*295·9*	..	..	..
1007	Papeete (Hamuta)	17 32	149 33	5·0	1014·3	1014·8	..	303·5	305·9	7th	293·5	292·0	26th	298·5	*297·9*	..	82	..
1021	Lima	12 5	77 3	111	1003·7	1017·0	..	293·0	296·0	30th	285·8	284·8	17th	289·4	288·4	..	11	..
1022	Arica	18 28	70 20	29	1013·6	1017·1	..	291·5	292·6	Sev.dates	285·6	281·5	25th	288·5	*288·2*	+0·4	0	0
1024	La Paz, Bolivia	16 30	68 8	3658	659·4	..	+1·1	290·7	293·8	7th	274·2	271·0	4th	282·5	*281·0*	0·0	3	– 11
1025	ǂCorumba	18 59	57 39	116	999·8	1012·8	–0·7	303·7	311·4	26th	290·2	283·0	11th	297·0	*296·6*	+0·3	9	– 16
1026	Cuyaba	15 36	56 6	165	994·3	1013·1	+0·5	306·8	311·9	26th	289·7	282·1	17th	298·2	*297·2*	–0·5	11	– 18
1027	Bello Horizonte	19 56	43 57	895	918·4	1018·3	+0·2	299·3	305·2	28th	285·7	281·6	6th	292·5	*291·9*	+0·9	13	– 3
1028	Caetite	14 3	42 37	897	918·9	1018·2	+0·8	298·6	303·7	24th	286·0	283·3	5th	292·3	*293·0*	–0·3	2	– 10
1029	ǂOndina (Bahia)	13 0	38 31	64	1011·4	1018·8	+1·0	298·6	300·8	24th	293·3	292·3	9th,21st	296·0	*295·6*	–0·6	131	+ 13
1030	ǂAracaju	10 55	37 3	6·1	1016·8	1017·5	–0·7	299·4	300·3	15th	293·8	291·9	25th	296·6	*296·6*	+0·1	90	+ 6
1035	ǂSt. Helena	15 57	W. 5 40	604	949·4	1019·5	–0·2	288·6	291·3	6th	285·5	284·1	28,29,31	287·1	*287·2*	+0·2	42	– 21
1039	Mossamedes	15 12	E. 12 9	12·5	..	..	..	292·9	..	..	286·5	..	..	289·7	..	..	..	..
1041	Livingstone	17 50	25 49	972	910·2	1017·9	..	301·0	306·1	28th	283·3	278·1	10th	292·2	..	+0·4	0	0
1041a	Elisabethville	11 40	27 29	1230	879·0	1013·4	–0·1	300·4	304·7	29th	279·4	276·9	19th	289·9	..	–1·1	0	0
1042	Gwelo	19 26	29 45	1411	867·3	1021·9	..	296·1	301·3	28th	280·1	275·8	10th	288·1	..	–0·4	0	– 2
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	857·3	1019·3	+0·1	296·8	301·0	29th	280·3	274·3	8th	288·5	288·1	–0·1	0	– 2
1044	Zomba	15 23	35 18	921	914·8	1016·5	0·0	297·2	301·3	29th	284·3	282·4	3rd,15th	290·7	*290·0*	–0·6	1	– 8
1045	Mossuril	14 57	40 40	15	..	1019·2	+0·1	300·2	302·4	30th	290·2	287·5	9th	295·2	295·5	–0·1	1	– 13
1046	Antananarivo	18 55	47 33	1375	868·7	1020·2	+0·1	294·7	298·6	30th,31st	281·6	278·0	26th	288·1	286·7	–0·4	2	– 6
1046a	Tamatave	18 9	49 22	7	..	1021·8	..	296·8	300·0	10th	290·3	287·8	11th	293·5	*293·1*	..	277	..
1047	Vohémar	13 24	50 2	2	..	1018·4	..	299·2	300·8	11th	292·0	291·0	27th	295·6	*295·1*	..	33	..
1048	Antalaha	14 53	50 15	4	..	1020·1	..	299·7	302·2	31st	291·0	289·1	11th	295·3	*294·7*	..	81	..
1055	Cocos, Keeling Is.	12 5	96 53	4·6	..	..	..	301·4	302·9	22nd	297·3	294·7	13th	299·3	*298·9*	+0·2	54	– 68
1057	Christmas Island	10 25	105 43	5·5	1009·7	1010·4	–0·2	302·5	304·1	12th	296·4	295·2	2nd,8th	299·5	*299·1*	+0·1	46	– 5
1061	Koepang	10 10	123 34	45·1	..	1011·5	–0·8	305·9	308·4	30th	295·9	294·1	20th	300·9	*299·6*	+1·0	3	0
1061a	Derby	17 18	123 40	16·2	1013·8	1015·6	+0·6	302·8	306·9	31st	289·8	283·6	5th	296·3	..	–0·4	20	+ 18
1062	Hall's Creek	18 13	127 46	373	975·0	1017·4	+1·7	300·2	306·3	27th	284·9	275·8	3,5,7	292·6	*291·9*	–1·0	25	+ 23
1063	Darwin	12 28	130 51	29·6	1009·9	1013·3	+0·8	304·6	307·4	29th	294·3	289·4	3rd	299·4	*298·2*	+0·1	0	– 2
1064	Daly Waters	16 16	133 23	211	991·0	1015·0	+0·9	304·4	311·3	31st	288·2	281·9	3rd	296·3	*295·6*	+0·6	0	– 3
1065	Palmerville	15 56	144 8	210	989·6	1013·5	–0·3	304·1	306·9	21st	289·0	283·0	1st	296·6	..	+0·9	1	– 1
1066	Georgetown, Queensland	18 22	143 32	302	..	..	..	..	..	..	..	..	..	..	..	..	19	+ 14
1066a	Willis Island	16 18	149 59	8·5	1014·8	1015·9	+0·7	298·9	300·4	22nd	294·9	292·6	5th	296·9	*297·0*	+0·1	14	+ 1
1067	Samarai	10 37	150 40	6·1	..	1013·9	+0·9	302·3	..	..	296·1	..	..	299·2	299·0	+1·5	255	+ 36
1070	Vila, New Hebrides	17 44	168 19	57·0	1008·8	1015·4	..	297·7	300·0	17th	290·9	288·0	6th	294·3	*293·8*	..	44	..
1071	Rotuma, Fiji	12 30	177 0	27·4	1009·7	1012·9	..	302·0	303·6	11th,15th	296·3	295·2	5,9,10	299·2	*299·0*	..	153	..
1072	Suva, Fiji	18 8 S.	178 26 E.	3·7	1015·9	1016·3	+2·0	299·3	304·1	10th	293·3	291·3	1,7,20	296·3	*296·1*	+0·2	75	–136

BETWEEN LATITUDE 20° S. AND 30° S. — AUGUST - ZONE 11 (AMERICA, AFRICA)

1101	Nukualofa, Tonga	21 8	175 12	3·0	1018·4	1018·7	..	297·6	300·2	5th,11th	289·4	281·3	2nd	293·5	*293·0*	..	126	..
1105	Rarotonga (Avarua)	21 12	159 46	6·1	..	..	..	298·3	300·8	14th	289·7	285·8	1st	294·0	*293·8*	–0·4	172	+ 58
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1016·0	1018·8	+0·8	288·5	293·2	25th	282·5	279·6	12th	285·5	*285·2*	0·0	0	– 19
1122	Antofagasta	23 42	70 24	94	1006·6	1017·9	–0·3	289·7	291·5	Sev.dates	283·1	281·0	10th,12th	286·4	*286·0*	–0·6	0	– 2
1123	Catamarca	28 29	65 47	528	953·6	1014·3	–1·0	299·2	306·4	28th	279·8	273·5	11th,12th	289·5	289·3	+1·3	0	– 6
1124	Salta	24 46	65 24	1173	883·7	1014·1	–0·4	298·4	306·8	26th	275·0	268·7	12th	286·7	286·4	+0·1	0	– 5
1125	Goya	29 9	59 15	37	1011·7	1016·1	–0·3	299·3	311·5	26th	281·8	274·0	1st	290·6	*290·3*	+2·1	1	– 36
1126	Asuncion	25 17	57 41	139	1002·7	1018·8	+3·1	301·5	312·6	27th	289·4	279·2	11th	295·4	*295·0*	+2·8	15	– 26
1127	Curityba	25 25	49 17	908	917·6	1021·1	+1·3	296·2	303·7	27th	279·0	269·3	18th	287·6	*286·4*	+0·1	17	– 66
1128	Rio de Janeiro	22 54	W. 43 10	18·3	1017·8	1019·9	+1·1	297·3	305·5	27th	289·8	285·2	18th	293·6	293·1	–0·4	24	– 21
1139	Windhoek	22 34	E. 17 6	1727	833·1	1017·6	..	296·3	300·2	17th	282·0	272·5	29th	289·1	*288·6*	+1·0	0	– 2
1140	ǂO Okiep	29 36	17 52	933	914·5	1021·5	+1·5	291·1	300·1	21st	278·4	273·9	28th	284·8	*284·2*	–0·6	22	0
1141	Kimberley	28 44	24 46	1218	884·9	1020·9	+0·4	294·9	299·7	7th	279·2	273·1	30th	287·1	286·7	+1·3	1	– 5
1141a	Johannesburg	26 11	28 4	1806	827·1	1022·4	+0·2	291·6	296·4	15th	278·9	270·9	29th	285·3	*284·9*	–0·1	0	– 13
1142	Bulawayo	20 9	28 35	1349	872·4	1020·6	+0·7	296·1	301·3	18th,28th	281·4	278·0	7th	288·8	288·4	–0·3	0	0
1143	Durban	29 52	31 3	15·2	1020·5	1022·3	0·0	294·8	297·7	8th	288·2	284·4	30th	291·5	*291·1*	+0·4	8	– 36
1144	Lourenço Marques	25 58	32 36	59·5	..	1022·7	+0·1	298·7	308·3	9th	287·3	283·4	1st	293·0	292·6	+0·6	5	– 6
1145	Tuléar	23 20	43 40	6	..	1020·5	..	299·5	302·5	29th	285·3	281·2	9th	292·4	..	..	0	..
1146	Fort Dauphin	25 1	46 58	14	..	1023·8	..	295·1	298·1	30th	289·5	285·0	10th	292·3	*291·9*	..	110	..
1147	Mauritius	20 6 S.	57 33 E.	55·2	1013·7	1020·2	–0·4	296·8	298·9	20th	288·7	285·0	3rd,5th	292·7	292·4	–0·6	34	– 23
		°	°	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
ǂChange of normals, see Table of Authorities, pages 105-15.

AUGUST - ZONE 11 (AUSTRALIA) — TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1015·8	1016·2	+0·1	298·1	305·8	9th	283·2	278·6	7th	290·7	..	–1·5	68	+ 58
1160	Cue	27 27	117 52	454	968·1	1020·9	+2·4	292·7	296·6	7th	280·7	276·9	31st	286·7	..	–0·4	37	+ 18
1161	Nullagine	21 53	120 5	386	975·5	1019·9	+3·2	296·2	299·7	16,25,29	280·9	275·2	3,4,8	288·6	..	–2·1	3	– 6
1162	Laverton	28 40	122 23	466	967·3	1021·5	+1·8	292·0	297·2	29th	278·4	273·6	20th	285·2	*285·1*	–1·0	27	+ 12
1163	Alice Springs	23 38	133 35	579	953·4	1020·3	+1·5	291·2	304·7	27th	278·1	269·1	7th	284·7	*284·5*	–3·0	51	+ 42
1164	William Creek	28 55	136 21	76·2	1013·7	1022·8	+3·1	291·2	300·2	30th	278·8	270·8	7th	285·0	*284·7*	–1·5	23	+ 16
1164a	Boulia	22 55	139 38	146	1001·2	1018·4	+1·5	296·7	307·9	28th	282·3	276·4	5th	289·5	*289·3*	–1·0	20	+ 15
1165	Thargomindah	27 58	143 43	123	1006·2	1020·9	+1·8	292·8	300·7	28th	280·1	274·7	2nd	286·4	*286·1*	–1·0	27	+ 15
1166	Mitchell	26 32	147 52	336	982·4	1022·3	+2·9	291·4	298·2	31st	278·2	271·6	5th	284·8	..	–0·8	21	– 4
1167	Rockhampton	23 24	150 30	11·3	1019·4	1020·7	+1·9	295·1	299·1	9th	285·3	278·6	2nd	290·2	*289·6*	–1·1	22	– 2
1168	Brisbane	27 28	153 2	41·8	1018·0	1022·3	+3·2	293·3	297·2	9th	282·1	277·9	25th	287·7	*287·3*	–1·2	23	– 28
1170	Norfolk Island	29 4	167 59	14·9	1019·8	1021·6	+3·3	291·3	295·9	22nd	286·2	281·6	7th	288·8	*288·4*	–0·1	94	– 54

AUGUST - ZONE 12 — BETWEEN LATITUDE 30° S. AND 40° S.

		S.	W.															
1221	Juan Fernandez	33 37	78 52	6	1019·6	1020·3	–0·2	288·6	292·7	2nd	282·8	278·6	14th	285·7	*285·6*	+0·2	104	– 6
1221a	Punta Tumbes	36 37	73 6	120	1003·4	1018·0	–0·4	285·2	293·0	4th	281·1	276·0	9th	283·1	*282·9*	0·0	182	+ 96
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1014·4	1019·4	+1·0	289·4	296·4	15th	281·7	277·9	9th	285·5	*284·9*	+0·3	66	– 7
1222a	Santiago	33 27	70 42	520	958·1	1019·6	+0·9	289·1	297·0	3rd	278·3	271·7	9th	283·7	*282·8*	+0·3	55	0
1223	Cordoba	31 25	64 12	423	965·9	1015·3	–1·4	297·1	308·2	28th	278·0	269·6	12th	287·6	287·1	+2·2	0	– 13
1224	Bahia Blanca	38 45	62 16	28·7	..	..	..	..	..	..	..	..	..	..	..	..	2	– 22
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1014·1	1017·2	–1·3	291·8	300·2	7th	280·7	271·8	10th	286·2	285·8	+2·2	1	– 62
1226	Montevideo (Prado)	34 52	56 12	24·9	..	1019·1	+0·8	290·8	299·3	19th	280·3	273·3	13th	285·5	285·4	+1·8	22	– 54
1226a	Porto Alegre	30 2	W. 51 13	23·5	1015·8	1018·6	–0·2	293·6	303·2	8th,29th	282·9	276·1	17th	288·3	287·7	+0·2	148	+ 19
1239	Cape Town	33 56	E. 18 29	12·2	..	1021·9	+2·0	290·2	297·0	25th	281·1	277·1	23rd	285·6	*284·2*	–0·5	71	– 15
1240	Klaver	31 47	18 37	41·8	1018·2	1023·3	+0·5	293·4	301·1	24th	280·4	276·7	6th	286·9	..	–1·7	29	+ 5
1241	Riversdale	34 6	21 16	105	1010·9	1023·6	..	293·6	305·2	25th	276·8	271·6	4th	285·2	..	–1·0	77	+ 41
1242	ǂEast London	33 1	27 54	45·4	1015·1	1020·5	+1·4	293·0	304·1	27th	283·7	278·3	31st	288·3	..	–0·3	75	+ 33
1259	Perth (Observatory)	31 57	115 51	60·0	1012·7	1019·9	+1·1	290·4	294·6	12th	281·8	276·8	27th	286·1	*286·1*	–0·2	144	– 1
1260	Katanning	33 42	117 35	310	982·8	1020·2	+2·3	287·9	292·2	12th	277·9	271·9	15th	282·9	..	–0·5	62	0
1261	Coolgardie	30 57	121 10	423	971·4	1021·0	+2·0	289·8	295·8	19th	279·4	274·1	28th	284·6	*284·5*	–0·3	60	+ 35
1262	Eucla	31 45	128 58	4·6	1019·8	1020·4	+2·4	290·8	296·9	25th	279·6	273·6	18th	285·2	*284·9*	–1·2	19	– 5
1263	Streaky Bay	32 48	134 13	13·1	1020·7	1022·1	+2·6	288·8	291·7	30th	281·3	276·3	18th	285·1	*284·8*	–0·7	95	+ 45
1264	Adelaide	34 56	138 35	42·7	1016·8	1022·0	+2·9	288·7	294·2	30th	280·4	276·6	3rd	284·6	*284·5*	–0·6	85	+ 20
1265	ǂMelbourne	37 49	144 58	35·1	1016·9	1021·2	+3·2	287·2	294·4	28th	279·2	273·8	5th	282·7	*282·3*	–0·9	52	+ 4
1266	Bourke	30 13	145 58	110	1011·0	1024·3	+3·0	292·1	301·3	31st	278·0	272·7	5th	285·1	..	–1·5	12	– 8
1267	ǂSydney	33 51	151 13	42·1	1016·2	1021·2	+3·1	289·8	295·7	8th	279·7	276·8	1st	284·8	*284·2*	–1·0	6	– 67
1268	Lord Howe Island	31 20	159 0	4·9	1018·7	1019·2	+0·6	291·4	294·2	31st	285·1	280·8	7th	288·2	..	–0·4	125	– 11
1271	Auckland	36 51	174 48	40·8	..	1019·2	+4·4	287·4	290·5	24th	280·7	277·4	14th	284·1	..	–0·1	102	– 6
1272	Napier	39 29	176 55	1·5	..	..	..	286·4	290·8	22nd,25th	278·2	272·7	20th	282·3	..	–0·6	54	– 36

AUGUST - ZONE 13 — BETWEEN LATITUDE 40° S. AND 50° S.

		S.	W.															
1301	Chatham Island	43 57	176 31	45·7	1010·3	1015·9	+5·1	..	..	..	..	..	..	..	..	..	67	– 17
1321	Isla Guafo	43 34	74 45	140	995·1	1012·1	–3·2	282·1	285·0	2nd,19th	279·2	276·0	9th	280·7	*280·6*	+0·6	101	– 22
1322	Punta Galera	40 1	73 44	40	1011·4	1016·3	–1·0	283·9	288·5	4th	280·4	273·2	9th	282·1	*282·1*	+0·2	270	+ 14
1323	Sarmiento	45 33	69 1	272	977·5	1010·4	–1·9	283·6	290·5	1st	273·8	264·6	10th	278·7	279·2	+0·9	33	+ 22
1324	Puerto Madryn	42 46	W. 65 2	14	1011·6	1013·3	–0·6	289·4	298·3	2nd	275·2	267·4	9th	282·3	283·1	+1·6	2	– 5
1365	Launceston	41 27	E.147 10	81·1	1008·6	1018·6	+4·4	285·7	289·8	20th	275·3	270·8	24th	280·5	*280·0*	–0·5	44	..
1366	ǂHobart	42 53	147 20	53·9	1009·9	1016·6	+3·3	285·1	288·3	30th	277·1	274·3	26th	281·1	*280·6*	–0·8	25	– 21
1369	Invercargill	46 25	168 21	3·7	..	..	..	284·1	288·6	1st	276·2	271·3	2nd,19th	280·1	..	+0·5	83	0
1370	Alexandra	45 15	169 24	159	..	..	..	283·6	289·1	31st	273·1	269·1	19th	278·3	277·9	..	38	..
1371	Dunedin	45 52	170 31	6·1	..	1016·0	+2·8	284·3	289·7	3rd	276·7	273·3	2nd,20th	280·5	..	+0·8	62	– 19
1371a	Christchurch	43 32	172 39	7·6	..	1016·2	+3·4	284·3	289·0	10th	275·5	269·8	12th	279·9	..	+0·1	23	– 23
1372	Wellington	41 16	174 46	127	1001·3	1016·8	+3·0	284·4	288·8	24th	278·4	274·2	19th	281·4	281·1	–0·8	113	– 1

AUGUST - ZONE 14 — BETWEEN LATITUDE 50° S. AND 60° S.

		S.	W.															
1421	Islota de los Evangelistas	52 24	75 6	55	995·2	1001·9	–0·9	279·9	281·0	6th	277·8	276·2	28th,30th	278·9	*279·1*	+1·8	149	– 71
1422	Magallanes	53 10	70 54	8	1000·9	1001·9	–2·0	278·7	282·6	21st	273·0	268·8	26th	275·9	*275·7*	+0·2	38	+ 10
1423	Punta Dungeness	52 24	68 26	5	1001·4	1002·0	–1·2	279·5	282·0	22nd	274·3	270·0	26th,27th	276·9	*276·7*	+0·8	21	+ 6
1424	Santa Cruz	50 1	68 31	13	1004·4	1006·0	–0·6	281·6	288·8	30th	273·0	268·8	22nd,23rd	277·3	277·1	+0·6	9	– 2
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1004·1	–0·8	278·3	283·0	5th	273·6	269·7	27th	275·9	..	+0·3	22	– 25
1426	Cape Pembroke	51 41	57 42	21·3	1000·8	1003·4	–0·4	278·6	281·3	3rd,5th	274·0	270·8	26th,28th	276·3	276·6	+0·6	..	..
1429	S. Georgia (Cumberland Bay)	54 16	36 30	4	996·3	996·8	–2·5	275·1	281·7	7th	269·3	261·9	21st	272·2	*271·9*	+0·6	218	+ 82

AUGUST - ZONE 15 — BETWEEN LATITUDE 60° S. AND 70° S.

		S.	W.															
1527	South Orkneys	60 43	44 47	7	990·6	991·5	–3·7	265·5	274·2	6th	256·1	244·9	24th	260·8	260·6	–2·7	40	+ 3
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics. ǂChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE
FOR THE MONTH OF SEPTEMBER 1933
BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

SEPTEMBER - ZONE 0

BETWEEN LATITUDE 90° N. AND 80° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
047	Calm Bay	80 20	52 48	5·9	1015·5	1016·3	..	..	277·8	..	..	264·4	..	..	*271·1*	..	3	..

SEPTEMBER - ZONE 1

BETWEEN LATITUDE 80° N. AND 70° N.

		N.	W.															
101	Wrangel Insel	70 58	178 33	3·0	1016·0	1016·4	+1·7	271·0	279·8	..	266·6	259·9	..	268·8	*268·9*	–2·3	17	– 1
105	Barrow	71 23	156 17	4·6	..	1012·5	–0·5	272·0	279·7	6th	268·1	260·2	26th	270·1	..	–1·7	18	+ 7
121	Pond Inlet	72 43	78 30	4·0	..	1013·4	..	273·9	279·1	5th	270·4	263·6	30th	272·1	*272·3*	–0·3	1	..
125	Upernivik	72 47	56 7	19·2	1007·5	1009·9	+1·5	275·9	281·4	6th	272·0	267·5	29th,30th	273·9	*273·7*	–0·1	16	– 11
131	Myggbukta	73 29	21 34	3·2	..	1009·3	..	..	279·6	5th	269·7	259·9	30th	..	*272·6*	..	45	..
132	Scoresbysund	70 29	21 58	16·9	1006·8	1008·9	–3·1	277·4	282·3	3rd	273·2	269·9	30th	275·3	*275·1*	+1·4	..	..
135	Jan Mayen	70 59	W. 8 18	23·1	1008·6	1011·4	+3·7	..	283·0	6th	277·0	271·2	30th	..	*278·5*	+2·3	121	+ 71
139	Svalbard Radio	78 13	E. 15 38	53·0	1006·3	1012·9	+5·0	..	284·6	19th	273·3	267·1	14th	..	*275·9*	..	32	..
140	Björnoen	74 28	19 17	29·2	1010·4	1014·0	+6·3	..	283·7	19th	275·6	271·8	15th	..	*277·4*	+1·6	64	+ 13
141	Ingoy	71 4	24 9	4·3	1016·6	1017·1	+9·6	..	287·2	7th	279·3	276·2	16th	..	*280·9*	+0·8	69	– 4
142	Sletnes	71 5	28 14	10·2	1015·8	1017·0	+8·8	..	287·5	24th	278·2	274·9	7th	..	*280·4*	..	92	..
143	Vardö	70 22	31 6	12·1	1016·0	1017·5	+8·7	..	287·1	8th	278·2	276·0	16th	..	*280·3*	+1·0	52	– 8
147	Malye Karmakouly	72 23	52 44	15·3	1014·4	1016·3	+7·0	..	280·2	..	..	268·5	..	..	*275·5*	+0·1	47	+ 10
148	Vaigatch	70 24	58 48	11·2	1014·2	1015·6	+6·6	276·7	280·4	..	273·8	271·0	..	275·3	*275·3*	–1·0	68	+ 36
149	Russian Harbour	76 14	62 39	9·3	1014·7	1015·9	..	..	278·7	..	..	266·1	..	..	*273·5*	..	14	..
150	Cape of Desire (Zhelanya)	76 57	68 34	8·0	1014·7	1015·7	..	..	277·0	..	..	268·2	..	..	*272·8*	..	14	..
153	Dikson	73 30	80 23	13·0	1010·3	1011·9	+3·3	273·4	284·1	..	270·6	263·4	..	272·0	*272·0*	–2·8	7	– 23
162	Bulun	70 45	127 47	35	1008·4	1012·9	–0·3	..	283·5	..	..	262·8	..	..	*273·9*	–0·9	..	..
165	Great Liakhov Is. (Cape SHalaurov)	73 11	143 14	7	1014·4	1015·3	..	..	276·4	..	..	262·2	..	..	*270·9*	..	10	..

SEPTEMBER - ZONE 2

BETWEEN LATITUDE 70° N. AND 60° N.

		N.	W.															
201	Cape Otto Schmidt	68 55	179 30	7·0	1016·6	1017·5	..	273·9	284·6	..	268·5	260·6	..	271·2	*270·2*	..	17	..
202	Savoonga	63 43	170 20	5·5	..	..	..	..	..	..	273·5	269·7	21st,22nd	..	..	..	21	..
203	Nome	64 30	165 24	6·7	1008·1	1008·8	+1·9	280·4	285·8	4th	272·7	266·9	28th	276·6	*277·3*	–1·7	21	– 47
204	Bethel	60 45	161 47	11·6	..	1008·4	+1·4	283·9	291·9	3rd	275·0	269·1	22nd	279·4	..	–0·8	33	– 68
205	Tanana	65 10	152 6	69·5	1000·7	1008·8	–0·8	283·4	290·8	5th,6th	271·2	260·2	19th	277·3	*277·7*	–0·6	26	– 20
206	Rampart	65 30	150 15	114	..	..	..	..	..	..	..	..	..	..	..	..	..	..
206a	Holy Cross	62 16	159 50	15·2	..	..	..	285·6	292·4	3rd	274·4	267·4	20th	280·0	..	+0·4	39	– 35
207	Cordova	61 31	145 36	13·1	..	1005·1	–4·8	287·0	293·0	4th	279·8	266·3	21st,23rd	283·4	..	+0·7	469	– 17
208	Fairbanks	64 51	147 39	138	989·5	1007·1	..	283·6	293·0	7th	273·3	269·7	20th	278·4	*278·8*	–0·9	12	– 23
209	Dawson	64 4	139 29	324	968·7	1007·9	..	283·3	289·1	5th	273·3	265·2	3rd,24th	278·3	*278·3*	0·0	26	– 11
210	Aklavik	68 14	134 50	7·6	1008·1	1009·0	..	276·9	286·9	6th	273·3	269·1	24th	275·1	*275·1*	..	51	..
211	Fort Good Hope	66 15	128 38	65·2	1002·6	1010·6	..	281·5	293·0	8th	274·1	267·4	17th,26th	277·8	*278·4*	+0·9	43	+ 21
212	Fort Simpson	61 52	121 15	126	991·4	1006·7	..	285·2	301·9	9th	274·9	269·7	5,15,30	280·1	*280·3*	–0·7	28	– 15
213	Hay River	60 51	115 57	161	986·8	1006·3	..	284·3	302·4	9th	276·5	270·8	20th	280·4	*280·4*	–0·6	67	+ 27
214	Coppermine	67 49	115 10	4·6	1010·1	1010·7	..	278·1	289·1	13th	273·4	266·9	30th	275·7	*275·7*	..	50	..
218	Chesterfield	63 45	91 50	4·0	1009·5	1010·0	..	279·0	291·9	16th	274·7	270·8	30th	276·8	*276·8*	+0·5	40	..
221	Nottingham Island	63 7	77 56	16·5	1006·8	1008·8	..	276·7	283·0	12th	272·6	269·1	22nd	274·7	*274·4*	..	42	..
223	Hope's Advance	61 5	69 33	73·2	997·6	1006·7	..	277·3	287·4	17th	273·2	269·7	3rd	275·3	*275·2*	..	71	..
224	Resolution Island	61 18	64 53	38·7	1001·3	1006·1	..	276·7	280·8	18th	272·8	270·8	3rd,4th	274·7	*274·9*	..	42	..
225	Jacobshavn	69 13	51 2	31·6	1002·7	1006·7	–0·7	276·2	281·3	8th	272·2	267·3	26th	274·2	*274·4*	–0·6	32	– 3
226	Godthaab	64 10	51 43	20	..	..	..	279·0	285·4	11th	272·7	268·7	24,26,27	275·9	*276·8*	+0·6	64	– 19
227	Ivigtut	61 12	48 10	30·0	1000·8	1004·5	–1·0	282·5	292·4	11th	275·6	271·2	26th	279·1	*278·9*	+0·9	71	– 82
229	Angmagsalik	65 36	37 33	29·3	1001·0	1004·6	–3·4	280·7	284·7	22nd	275·5	271·1	30th	278·1	*278·1*	+2·0	169	+ 79
231	Stykkisholm	65 5	22 46	25	..	1007·9	+1·2	285·7	290·8	8th	279·6	274·6	13th	282·7	282·1	+2·3	166	+ 97
232	Vestmanno	63 24	20 17	122	..	1010·4	+4·1	283·4	284·9	7th	280·7	277·9	12th,29th	282·1	282·3	+1·8	271	+126
233	Grimsey	66 33	18 1	22	..	1008·2	+0·4	284·0	288·7	7th	279·0	273·2	29th	281·5	*281·1*	+2·4	31	– 3
233a	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	11	..
234	Teigarhorn	64 41	14 22	18	..	1011·8	+4·4	285·8	290·5	9th	279·3	..	..	282·5	*282·3*	+2·4	120	– 3
235	Hejvig	62 3	6 45	22·9	1015·4	1018·2	+8·2	286·0	287·8	7th	282·3	276·9	13th	284·1	*284·2*	+2·0	107	– 13
236	Lerwick	60 9	W. 1 8	48·8	..	1019·6	+8·2	286·6	288·6	7th,16th	283·0	279·1	13th,14th	284·8	*284·9*	+1·5	55	– 22
237	Bergen, Fredriksberg	60 24	E. 5 19	44·4	1014·9	1020·3	+8·6	290·2	294·0	8th	283·3	279·8	24th	286·7	*286·3*	+2·4	67	–127
238	Ona	62 52	6 33	14·6	1018·5	1020·3	+9·2	..	289·8	18th	284·5	280·5	14th	..	*285·9*	+2·0	63	– 80
239	Trondheim	63 26	10 25	59·2	1013·5	1020·7	+9·5	287·9	291·8	18th	280·2	276·4	25th	284·1	*283·9*	+1·5	52	– 30
240	Bodo	67 17	14 26	17·0	1017·1	1019·1	+9·6	..	292·3	21st	281·0	276·0	16th	..	*283·7*	+2·0	117	+ 4
241	Haparanda	65 50	24 9	9·2	1019·4	1020·5	+10·0	285·0	292·2	10th	276·6	268·0	17th	280·8	*280·8*	+0·1	23	– 37
242	Helsingfors	60 10	24 57	11·7	1016·5	1017·9	+4·7	287·4	292·6	10th	281·8	276·1	15th	284·6	*284·6*	+0·9	24	– 40
242a	Kuopio	62 55	27 40	233	991·1	1019·4	+7·9	284·9	290·8	1st	279·0	273·5	16th	281·9	*281·8*	0·0	26	– 38
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics.

SEPTEMBER - ZONE 2 cont. TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 70° N. AND 60° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
243	Kola	68 53	33 1	6·7	1017·8	1018·6	+9·1	283·5	289·7	24th	276·2	269·5	18th	279·8	*279·5*	+0·4	32	− 5
244	Petrozavodsk	61 47	34 23	79·0	..	..	..	286·1	294·9	24th	279·7	272·5	28th	282·9	*282·6*	+0·5	98	+ 36
245	Arkhangelsk	64 34	40 31	6·3	1017·8	1018·6	+7·0	285·0	292·7	24th	277·5	272·2	27th	281·2	*280·5*	−0·5	36	+ 19
246	Mezen	65 50	44 16	17·4	1016·3	1018·4	+8·1	283·0	290·5	1st	275·3	268·7	9th	279·2	*278·6*	−0·6	55	+ 6
247	Oust-Tsylma	65 25	52 18	73·8	1009·0	1018·3	+7·7	281·6	290·7	1st	274·6	268·6	20th	278·1	*277·5*	−1·9	46	− 11
248	Tcherdyn	60 24	56 31	208	994·0	1019·4	+6·8	285·3	294·1	2nd	276·4	269·7	20th	280·8	*280·1*	−0·9	46	− 24
249	Berezov	63 56	65 4	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249a	Yugor Strait	69 49	60 45	13·0	1013·6	1015·2	+7·2	276·9	282·4	..	273·7	271·0	..	275·3	*275·5*	−1·1	48	+ 14
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	..	..	..	..	..	..	..	..	..	..	..	..	..	..
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Viliouisk	63 45	121 35	120	997·5	1012·3	..	282·6	294·7	2nd	275·2	266·5	29th	278·9	*278·5*	+0·3	53	+ 26
262	Iakoutsk	62 1	129 43	108	1001·1	1014·1	+1·9	284·7	296·1	3rd	273·6	268·4	13th	279·2	*279·3*	+0·2	29	+ 4
263	Verkhoiansk	67 33	133 24	100	994·4	1006·7	−3·2	280·5	295·1	4th	271·2	262·0	23rd	275·8	*275·8*	+0·5	20	+ 7
264	Petropavlovskoe	60 25	134 28	?163	992·4	1012·4	..	287·9	294·6	4th	276·6	269·1	22nd	282·2	*281·2*	..	30	..
268	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45 N.	177 33 E.	17·2	..	..	..	278·9	287·7	6th	273·7	266·4	29th	276·3	*276·4*	−0·6	9	− 19

SEPTEMBER - ZONE 3 BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		N.	W.		mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
302	St. Paul Island	57 15	170 10	5·8	..	1009·1	+2·0	281·4	284·1	2,3,9	277·9	271·9	30th	279·7	..	−0·4	82	− 13
303	Dutch Harbor	53 55	166 30	4·0	1008·1	1008·4	+0·5	284·3	290·2	2nd	279·1	273·0	30th	281·7	*281·7*	−0·1	76	− 57
305	Dillingham	59 0	158 28	24·4	..	..	..	285·7	293·6	3rd	276·2	268·0	21st	280·9	..	−0·5	70	− 32
306	Kodiak	57 48	152 22	4·6	1004·4	1005·1	−2·4	285·7	293·0	3rd,4th	278·2	272·4	21st	281·9	*282·1*	−1·3	77	− 41
309	Sitka	57 3	135 19	4·6	..	..	..	287·2	290·2	9th	279·5	273·6	5th	283·3	..	−0·7	106	−152
310	Prince Rupert	54 18	130 18	51·8	1001·5	1007·8	−6·7	287·0	291·9	7,8,9	279·9	275·2	23rd,24th	283·4	*283·2*	−1·5	236	+ 32
311	Prince George	53 50	122 48	570	941·7	1008·5	..	288·6	300·2	9th	275·3	268·0	6th	281·9	*282·1*	−1·0	89	+ 44
312	Kamloops	50 41	120 20	385	966·5	1011·7	−5·4	291·4	300·8	9th	281·4	273·6	30th	286·4	*286·5*	−1·0	22	+ 2
313	Calgary	51 2	114 2	1079	884·0	1005·7	−6·9	289·0	296·3	17th	275·9	264·7	26th	282·5	*282·2*	−0·9	5	− 27
314	Fort Smith	60 0	111 52	207	980·5	1005·3	−8·2	285·7	302·4	10th	276·4	268·6	20th,30th	281·1	*280·9*	+1·2	121	+ 79
315	Prince Albert	53 10	105 45	436	955·6	1006·9	−6·9	289·3	299·7	9th	279·2	270·2	28th	284·3	*283·7*	+1·3	48	+ 12
316	Qu'Appelle	50 31	103 56	654	931·8	1007·2	..	290·6	301·3	4th	278·0	269·7	27th	284·3	*283·7*	+0·4	44	+ 4
317	Minnedosa	50 15	99 50	515	947·8	1007·9	−5·7	290·6	298·0	9th	278·8	270·8	28th	284·7	*284·2*	+0·7	55	+ 15
318	Berens River	52 18	97 2	219	..	..	..	288·7	298·0	18th	279·8	273·6	30th	284·3	..	−0·9	52	− 8
318a	Churchill	58 46	94 13	13·1	1007·3	1008·9	..	283·8	295·2	16th	276·7	271·9	29th,30th	280·3	*279·9*	..	74	..
319	Pagwa	50 3	85 18	189	..	..	..	292·1	300·2	3rd	274·7	265·8	10th,14th	283·4	..	−0·7	95	+ 20
320	Moose Factory	51 14	80 30	8·8	..	..	..	290·6	299·7	3rd	278·6	272·4	11th	284·6	*283·8*	+0·8	..	..
320a	Moosonee	51 13	80 31	8·8	..	1010·5	..	290·1	299·7	3rd	278·2	270·8	22nd	284·1	*283·4*	..	43	..
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 30	73 55	383	..	..	..	287·4	296·9	4th	278·9	271·9	11th,16th	283·1	..	+1·0	66	− 27
323	Fort Chimo	58 10	68 10	15·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
324	Natashkwan	50 14	61 48	6·1	..	..	..	286·4	293·0	5th,17th	276·3	270·2	20th	281·3	..	−0·9	128	+ 57
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	..	..	..	..	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1016·1	1017·8	+2·2	291·0	294·3	5th	284·6	279·0	14th	287·8	288·1	+1·5	63	− 51
335	Aberdeen	57 10	W. 2 6	26·0	1016·8	1020·0	+6·6	288·9	292·6	18th	282·1	277·4	28th	285·5	285·8	+1·4	23	− 40
336	Greenwich	51 29	0 0	46·3	..	1017·5	+1·3	294·3	300·2	3rd	284·2	278·0	15th	289·3	288·8	+2·0	68	+ 23
337	Uccle	50 48	E. 4 22	100	1003·6	1015·5	−0·9	294·4	298·4	28th	283·4	279·0	15th	288·9	288·0	+1·1	89	+ 20
338	De Bilt	52 6	5 11	3·0	1017·3	1017·7	+1·3	293·7	297·9	28th	283·0	278·2	16th	288·3	287·8	+0·9	61	− 5
338a	Hamburg	53 33	9 58	40·3	1014·3	1019·2	+2·9	292·7	297·3	27th	283·5	279·6	20th	288·1	287·5	+0·9	44	− 19
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1018·4	1019·0	+3·7	290·9	295·1	12th	283·2	278·7	15th	287·1	*287·1*	+2·0	21	− 32
340	Potsdam	52 23	13 4	84·9	1007·8	1018·0	+1·2	293·2	298·9	12th	282·0	275·3	19th	287·6	287·2	+0·9	22	− 24
340a	Uppsala	59 51	17 38	24	1016·6	1019·5	+6·8	288·3	299·0	10th	279·7	272·4	19th	284·0	284·1	+0·9	39	− 12
341	Warsaw	52 13	21 3	88·3	1005·8	1016·3	−2·0	291·3	299·3	23rd	282·0	278·3	18th,19th	286·6	*286·2*	−0·5	42	− 7
342	Tartu	58 23	26 43	80·8	1006·5	1016·3	+2·1	288·3	294·4	26th	280·9	276·7	18th	284·6	284·3	+0·7	74	+ 22
343	Leningrad	59 56	30 16	8·6	1015·9	1016·9	+3·3	286·9	294·3	24th	281·2	276·7	29th	284·0	*284·0*	+0·4	67	+ 14
344	Moscow	55 50	37 33	167·2	996·6	1016·8	+0·8	288·3	294·0	4th	280·3	271·9	30th	284·3	*283·9*	+1·0	131	+ 76
345	Saratov	51 34	46 0	135	1003·2	1019·3	+2·9	294·4	300·7	5th	281·8	271·5	30th	288·1	*287·7*	+2·1	26	..
346	Kazan	55 47	49 8	82·4	1010·3	1020·3	+4·2	291·4	300·1	18th	281·7	270·5	29th	286·6	*286·2*	+2·2	24	− 21
347	Orenburg	51 45	55 6	109	1009·0	1022·1	+4·3	295·6	307·9	7th	280·2	269·3	30th	287·9	*287·6*	+1·5	3	− 23
348	Perm	58 1	56 16	159	1000·6	1019·9	+5·5	289·4	297·4	7th	277·6	270·4	21st	283·5	*282·7*	+0·6	18	− 42
349	Sverdlovsk	56 50	60 38	281	986·4	1020·4	+6·2	288·1	296·4	3rd	276·9	269·8	20th	282·5	*281·8*	0·0	26	− 12
350	Tobolsk	58 12	68 14	108	1006·6	1018·9	+4·4	285·8	295·3	2nd	276·4	271·1	30th	281·1	*280·5*	−2·0	24	− 20
351	Akmolinsk	51 12	71 23	347	979·4	1021·9	+3·7	290·4	305·2	8th	274·9	264·8	24th	282·6	*282·2*	−2·0	8	− 17
352	Omsk	55 1	73 19	108	1005·8	1018·6	+2·8	287·7	300·3	8th	275·5	266·7	24th	281·6	*281·1*	−2·6	26	− 3
353	Barnaoul	53 20	83 47	158	999·4	1018·6	+1·3	287·9	303·5	12th	275·1	267·1	25th	281·5	*280·9*	−2·7	17	− 11
354	Tomsk	56 30	84 58	123	999·6	1014·6	−1·4	284·8	298·5	12th	276·5	269·1	30th	280·6	*279·6*	−2·5	77	+ 37
355	Minousinsk	53 43	91 41	249	987·1	1017·2	−0·7	287·6	296·8	12th	275·7	269·8	28th	281·6	*281·0*	−2·1	60	+ 28
356	Eniseisk	58 27	92 10	78	1002·6	1012·2	−3·5	282·2	292·6	12th	275·3	268·1	30th	278·8	*278·4*	−3·1	86	+ 44
357	Irkutsk	52 16	104 19	467	960·6	1016·4	−1·8	287·5	297·9	2nd	274·3	268·3	12th	280·9	*280·1*	−0·8	40	− 2
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	665	935·8	1013·8	−0·2	288·7	298·7	3rd	273·9	266·8	26th	281·3	*280·7*	−0·4	39	+ 8
360	Nertchinskii Zavod	51 19 N.	119 37 E.	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		°	°	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
‡See Table of Authorities, Remarks, pages 105-15.

SEPTEMBER - ZONE 3 cont. TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
361	Tygan Ourkan	54 5	124 46	379	966·3	1011·5	−1·5	289·0	296·9	3rd	274·3	266·7	26th	281·6	*281·1*	+1·3	107	+ 39
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	993·8	1010·7	−1·8	291·0	298·4	4th	280·6	271·1	28th	285·8	*285·3*	+0·2	102	+ 33
364	Chantar Bolchoy	54 50	137 30	?20	..	..	..	287·0	294·3	13th	275·8	268·0	24th	281·4	*281·6*	..	100	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1008·0	1013·1	+2·3	289·3	295·8	1st	280·4	274·2	25th	284·8	*284·8*	+0·9	40	− 28
366	Okhotsk	59 21	143 17	5·5	1015·0	1015·7	+4·4	286·0	290·7	9th	280·1	270·2	23rd	283·0	*282·8*	+2·1	15	− 45
368	Petropavlovsk (Phare)	52 53	158 43	87·1	1000·6	1011·1	+0·7	286·0	291·0	1st	279·9	275·3	27th	283·0	*282·5*	+0·4	74	− 21
369	Kluchevskoye	56 21	160 48	23·5	1011·0	1013·8	..	..	..	..	278·6	269·8	28th	..	*281·4*	..	16	..
370	Nikolskoe	55 12 N.	165 59 E.	6·8	1010·4	1011·2	..	..	..	..	279·9	270·6	27th	..	*281·7*	..	30	..

SEPTEMBER - ZONE 4 BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		N.	W.		mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	69·5	1003·4	1011·8	−4·0	288·7	293·0	3rd,8th	282·1	277·4	25th	285·4	*284·9*	−1·0	73	+ 27
412	Portland, Oregon	45 32	122 41	46·6	1008·4	1013·9	−2·9	292·7	300·8	3rd	284·0	277·4	25th	288·3	*288·0*	−0·8	75	+ 28
413	Macleod	49 44	113 24	953	..	..	..	290·4	299·7	18th	278·7	270·8	26th	284·6	*284·4*	−0·1	39	+ 2
414	Helena	46 34	112 4	1257	870·3	1010·8	−4·2	292·3	303·6	5th	279·2	270·8	25th	285·8	*286·1*	−0·4	17	− 14
414a	Salt Lake City	40 46	111 54	1328	864·9	1009·8	−2·8	300·2	307·4	5th	285·6	279·7	26th	292·9	*293·8*	+1·6	9	− 15
415	Cheyenne	41 8	104 48	1857	813·4	1011·2	−2·0	296·0	304·7	5th	282·1	275·8	25th	289·0	*289·4*	+2·2	52	+ 23
416	North Platte	41 8	100 45	860	913·6	1011·2	−4·1	301·2	308·6	6th	286·1	278·6	30th	293·7	*293·3*	+3·3	51	+ 16
416a	Bismarck	46 47	100 48	510	949·9	1009·1	−5·1	297·8	309·1	18th	282·6	271·9	26th	290·2	*290·6*	+2·7	9	− 23
417	Winnipeg	49 53	97 7	232	980·7	1008·2	..	291·9	299·1	4th	281·4	273·0	28th	286·7	*286·1*	+1·6	68	+ 12
418	Duluth	46 47	92 6	345	969·8	1010·5	−4·7	293·6	299·7	3rd	283·6	275·8	29th	288·6	*288·3*	+2·7	131	+ 44
419	Port Arthur	48 27	89 12	196	986·8	1010·0	−5·2	292·6	301·9	6th	282·7	274·7	29th	287·6	*287·0*	+3·0	108	+ 24
420	Chicago	41 47	87 35	205	988·8	1013·2	−4·1	298·3	308·6	8th	289·7	281·9	29th	294·0	*293·3*	+1·9	96	+ 17
421	Toronto	43 40	79 24	116	999·6	1013·3	−4·7	295·1	305·2	8th	285·1	276·9	12th	290·1	*289·8*	+1·4	34	− 34
422	‡New York (Central Park)	40 47	73 58	47·4	1008·3	1013·8	−5·0	297·9	305·2	27th	289·8	284·1	16th	293·9	*293·4*	+0·6	256	+166
423	St. John, N.B.	45 17	66 4	36·3	1008·0	1012·3	..	290·7	295·2	5th,18th	282·9	277·4	11th,12th	286·8	*286·4*	+0·6	138	+ 43
424	S.W. Point, Anticosti	49 24	63 33	9·1	1007·8	1008·9	..	284·8	291·9	4th	278·6	274·7	15th,16th	281·7	*281·8*	−0·6	166	+ 97
424a	Sable Island (Main Station)	43 57	60 6	7·6	1012·7	1013·6	..	291·3	294·7	3rd,4th	286·1	281·9	11th	288·7	*288·7*	+0·9	162	+ 76
426	St. John's, Newfoundland	47 34	52 42	74·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
435	Madrid	40 24	3 41	667	939·1	1013·9	−2·7	300·4	308·1	2nd	287·3	281·4	29th	293·8	*292·6*	+2·1	16	− 19
436	Nantes	47 15	W. 1 34	36·5	1010·2	1014·4	−3·3	294·8	301·4	5th	286·2	280·8	15th	290·5	289·9	+1·3	77	+ 23
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1010·5	1016·5	−1·3	295·3	301·5	11th	284·7	280·8	16th	290·0	289·7	+2·0	60	+ 7
438	Marseille	43 18	5 23	75	..	1014·8	−1·4	299·0	302·0	18th	288·5	283·4	22nd,23rd	293·7	*293·3*	+1·2	174	+113
438a	Zürich	47 23	8 33	493	960·1	1017·5	−1·0	294·5	299·4	6th	283·5	278·8	15th	289·0	287·9	+0·9	83	− 20
439	Rome	41 54	12 29	45·5	1011·3	1016·6	0·0	300·6	303·5	11th	290·5	287·5	17th	295·5	*295·3*	+1·5	167	+102
440	Vienna	48 15	16 22	203	993·8	1018·0	+0·4	291·7	297·4	13th	283·8	278·4	20th	287·7	287·8	+1·4	16	+ 2
440a	Budapest	47 31	19 1	130	1002·1	1017·6	+0·1	296·4	301·5	22nd	283·7	278·4	20th	290·1	289·1	0·0	23	− 32
441	Sofia	42 42	23 20	550	954·6	1018·7	+0·9	292·7	299·4	14th	282·0	277·3	20th	287·3	*287·1*	−2·2	43	− 10
442	Bucharest	44 25	26 6	82	1006·3	1016·1	−1·4	295·7	301·3	21st	283·6	275·3	20th	289·7	289·1	−1·4	28	− 12
443	Odessa (Observatory)	46 26	30 46	42·8	..	..	..	291·0	296·9	12th	283·7	277·1	18th	287·4	*288·8*	−2·9	52	+ 20
444	Novorossiisk	44 44	37 49	37·1	1011·6	1016·0	0·0	295·3	303·0	4th	287·0	283·2	18th	291·2	*290·9*	−1·2	28	− 26
445	Tiflis	41 43	44 48	404	968·4	1014·6	−1·7	299·3	307·2	3rd	288·8	282·1	25th	294·0	*293·4*	+1·3	42	− 8
446	Astrakhan	46 21	48 2	−20	1020·6	1018·3	+0·4	297·7	304·5	5th	286·5	281·9	28th	292·1	*291·4*	+1·4	16	+ 2
447	Fort Alexandrovsk	44 31	50 7	−23·0	1018·8	1016·1	−0·9	299·2	306·3	5th	290·2	284·8	27th	294·7	*294·0*	+2·2	0	− 15
448	Krasnovodsk	40 0	52 59	− 7·4	1014·3	1013·5	−1·8	303·2	309·1	6th	293·9	287·2	23rd	298·6	*298·1*	−1·6	0	− 5
449	Kasalinsk	45 46	62 7	66·7	1012·6	1020·5	+4·0	297·9	308·8	8th	281·6	273·0	26th	289·8	*289·5*	0·0	0	− 8
450	Tashkent	41 20	69 18	479	957·8	1012·4	−1·9	301·6	308·8	8th	283·2	276·7	23rd	292·4	*291·8*	−0·3	0	− 4
451	Andijan	40 44	72 20	496	955·0	1011·3	..	301·7	307·1	10th	284·7	278·5	28th	293·2	*292·7*	..	0	..
452	Alma Ata	43 16	76 55	848	920·8	1016·5	+1·5	295·9	306·0	12th	282·8	271·6	23rd	289·4	*289·0*	..	13	− 14
459	Peiping	40 0	116 22	84·5	1006·9	1016·8	..	299·8	306·4	4th	286·1	276·8	27th	292·9	292·6	..	31	..
461	Fengtien (Moukden)	41 47	123 24	44·3	1007·9	1013·1	−0·7	298·5	303·2	3rd	285·2	276·2	27th	291·9	291·1	+1·4	58	− 20
462	Joshin	40 40	129 12	31·9	1009·8	1013·5	−0·3	296·2	299·7	9th	287·6	277·5	28th	291·9	291·8	+1·1	45	− 73
463	Yuki	42 20	130 24	63·8	1005·6	1013·1	−0·5	294·6	299·6	1st	286·1	276·8	28th	290·3	290·5	+0·9	128	+ 22
464	Vladivostok	43 7	131 54	128	..	..	−0·6	289·9	299·4	1st	282·8	275·6	30th	286·3	286·1	+0·4	118	+ 4
465	Ochiai	47 20	142 47	27·4	1008·8	1012·0	−2·7	291·6	301·3	1st	286·2	282·0	25th	288·9	288·9	+0·8	90	− 51
466	Nemuro	43 20	145 35	26·7	1008·1	1011·2	−3·2	289·3	298·3	1st	283·2	274·6	30th	286·3	286·2	−0·1	103	+ 6
466a	Syana	45 14 N.	147 53 E.	39·3	1005·9	1010·7												

SEPTEMBER - ZONE 5 (AMERICA) BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		N.	W.		mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
511	San Francisco	37 48	122 26	47·2	1006·8	1012·5	−1·7	293·1	300·8	30th	285·3	283·0	13th	289·2	*288·2*	+0·7	4	− 4
512	Sacramento	38 35	121 30	20·1	1008·4	1010·8	−1·5	300·9	306·9	30th	285·4	282·4	12th	293·2	*293·4*	−0·5	1	− 6
513	San Diego	32 43	117 10	26·5	1008·1	1011·2	−1·1	292·4	294·1	5th	287·8	284·7	18th	290·1	289·9	−2·3	1	− 1
514	Modena	37 48	113 54	1668	832·0	1009·1	−2·2	301·3	304·7	5th	281·5	275·8	19th	291·4	291·7	+3·1	1	− 21
515	Santa Fé	35 41	105 57	2138	789·4	1009·8	−1·1	298·4	303·6	6th	284·8	280·2	26th	291·6	292·0	+2·7	31	− 8
516	Denver	39 45	105 0	1613	836·8	1010·5	−2·4	300·0	308·6	5th	285·7	279·1	26th	292·8	*293·5*	+2·9	30	+ 4
517	Abilene	32 23	99 40	530	951·9	1011·2	−2·9	307·4	309·7	7th	295·4	293·0	5th	301·4	*300·2*	+4·3	10	− 55
518	Saint Louis	38 38	90 12	173	992·9	1013·2	−4·0	303·6	310·2	10th	292·8	286·3	27th	298·2	*298·1*	+4·0	66	− 15
519	Mobile	30 41	88 2	17·4	1011·8	1013·9	−2·0	305·8	309·1	20th	296·3	288·0

SEPTEMBER - ZONE 5 (EUROPE, AFRICA, ASIA) TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	Mean at M.S.L.	Diff. from Normal	TEMPERATURE Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean*	Diff. from Normal	PRECIPITATION Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 8	40	1016·0	1021·5	–0·3	298·0	300·5	22nd	293·1	289·8	17th	295·5	295·1	+1·2	134	+ 25
531	Horta	38 32	28 38	65	1013·0	1020·8	–0·7	298·7	301·7	4th	291·8	290·1	22nd	295·3	294·9	+0·7	108	+ 22
532	Ponta Delgada	37 44	25 40	22	1018·0	1020·6	–0·2	296·8	300·0	3rd	292·1	290·0	30th	294·5	294·3	+0·5	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	124	+ 37
533	Madeira (Funchal)	32 38	16 55	25	1016·3	1019·2	0·0	297·5	299·5	12th	291·7	289·5	1st	294·6	*294·8*	–0·1	10	– 20
535	Lisbon	38 43	9 9	95	1005·8	1017·0	+0·1	295·9	301·2	19th	289·7	287·3	25th	292·8	292·4	–0·8	17	– 19
536	Gibraltar	36 6	5 21	27·4	..	1015·8	–1·6	299·6	303·0	18th	291·4	286·3	30th	295·5	*295·2*	+0·1	0	– 33
536a	Colomb-Béchar	31 37	W. 2 13	769	926·4	1010·1	–1·6	307·0	310·5	15th	294·7	286·9	30th	300·9	*300·5*	+0·9	2	– 2
537	Palma	39 34	E. 2 39	23	1011·5	1014·2	–4·0	302·3	307·6	17th	291·1	285·6	23rd	296·7	*295·3*	+0·4	113	+ 61
538	Algiers	36 46	3 13	59	1007·9	1014·7	–1·6	302·2	312·2	14th	294·8	288·2	23rd	298·5	298·1	+1·9	49	+ 21
538a	Gadames	30 8	9 30	361	..	..	..	313·0	319·1	2nd	288·3	283·0	24th	300·7	..	–0·7	0	– 1
539	Tunis	36 48	10 10	66	1008·1	1015·7	–0·6	303·6	311·6	15th,21st	293·4	287·1	23rd	298·5	*298·1*	+1·3	38	+ 14
540	Malta	35 54	14 31	71·2	..	1017·5	+1·6	299·6	303·0	15th	293·6	291·3	25th,30th	296·6	*295·9*	–0·8	2	– 30
541	Athens	37 58	23 43	107	1003·8	1016·3	+1·2	299·7	307·6	15th	290·4	287·5	17th	295·0	294·4	–1·8	10	– 5
542	Alexandria	31 12	29 53	32	1010·1	1013·8	+0·2	301·7	306·8	5th	294·0	291·7	20th	297·9	*297·1*	–1·1	1	0
543	Ankara	39 58	32 48	861	916·8	1013·7	–1·5	296·0	303·4	3rd	281·7	276·9	29th	288·9	*289·0*	..	13	..
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1009·4	–1·0	304·4	308·6	10th	289·4	286·3	30th	296·9	..	–1·5	30	+ 22
544	Beirut	33 54	35 28	33·7	..	1011·0	–0·9	302·5	303·7	4th,11th	295·8	291·9	29th	299·1	*298·8*	–0·2	12	+ 5
545	Hinaidi	33 17	44 29	32·9	1002·2	1005·9	–0·5	312·2	317·4	4th	293·2	288·6	26th	302·7	*303·1*	–1·0	0	0
546	Lenkoran	38 46	48 51	– 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	Tehran	35 41	51 25	1220	..	..	..	303·6	306·9	7th	289·9	283·6	26th	296·7	*296·5*	–1·1	0	– 2
548	Meshed	36 17	59 36	946	..	..	..	303·0	307·4	8th, 9th	..	..	..	..	..	..	0	– 1
549	Seistan	31 2	61 30	?610	952·0	..	..	307·4	310·8	16th,17th	291·6	284·7	25th	299·5	..	+0·1	0	0
550	Quetta	30 10	67 1	1647	833·1	..	–1·1	303·7	305·8	1st,16th	284·8	278·0	22nd	294·3	*294·1*	+1·5	0	– 2
551	Peshawar	34 1	71 35	355	966·6	1006·1	+0·1	307·2	310·2	18th	296·0	293·6	18th	301·6	*301·0*	+0·2	30	+ 10
551a	Lahore	31 35	74 20	214	981·3	1005·3	+0·3	305·7	309·1	7th	296·7	294·1	2,20,27	301·2	*300·7*	–1·7	78	+ 19
552	Simla	31 6	77 10	2202	780·9	..	–0·1	291·7	295·2	22nd	286·3	284·7	4th,19th	289·0	*288·8*	–0·7	293	+136
552a	Leh	34 9	77 34	3503	667·9	..	+0·6	292·9	297·4	12th	279·5	276·3	5th	286·2	*285·0*	–0·1	23	+ 17
558	Sian	34 31	109 5	365	970·2	1011·5	..	300·3	308·1	11th	292·6	287·5	29th	296·4	296·6	..	51	..
559	Hankow	30 35	114 17	39·1	1008·2	1012·8	–0·6	302·6	308·1	8th	294·3	287·9	28th	298·5	*298·1*	+1·3	42	– 24
560	Tientsin	39 9	117 9	6·4	1013·2	1013·8	–0·8	302·1	308·5	5th	289·8	281·1	27th	296·0	*295·6*	+1·8	10	– 32
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1010·3	1011·1	–1·2	301·7	305·9	12th	293·2	286·0	28th	297·4	296·5	+0·7	188	+ 58
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1005·1	1013·3	+0·5	298·3	302·7	11th	289·8	282·5	28th	294·0	293·7	+0·4	163	+ 53
562a	Nagasaki	32 44	129 52	133	996·4	1011·7	+0·3	300·8	305·4	12th	292·9	288·3	29th	296·9	296·2	–0·3	76	–142
563	Kyoto	35 1	135 44	42·9	1007·7	1012·7	+0·7	301·8	307·4	11th,14th	289·9	281·9	29th	295·9	295·4	+0·2	64	–138
564	Tokyo	35 41	139 46	5·8	1011·6	1012·2	–1·0	300·8	306·5	2nd	291·9	286·8	26th	296·4	296·1	+1·2	43	–178
565	Hukusima	37 45	140 28	68·5	1004·4	1012·6	–0·7	300·2	307·5	1st,2nd	288·3	280·6	29th	294·3	293·7	+0·7	31	–167
566	Miyako	39 38 N.	141 59 E.	30·4	1008·1	1011·6	–1·9	298·8	306·7	9th	287·1	278·2	29th	292·9	292·1	+0·7	84	–132

SEPTEMBER - ZONE 6 (AMERICA, AFRICA) BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	Mean at M.S.L.	Diff. from Normal	TEMPERATURE Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean*	Diff. from Normal	PRECIPITATION Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 13	17 22	5·8	1018·5	1019·1	..	303·2	304·1	Sev. dates	..	..	..	..	..	..	45	– 84
605	Honolulu	21 19	157 52	11·6	1016·6	1017·9	+2·1	300·1	301·3	25th	295·4	293·6	12th	297·7	297·6	–0·9	11	– 25
613	Guaymas	27 55	110 53	8·3	1006·9	1007·8	–1·1	307·5	314·5	16th	299·5	295·3	26th	303·5	*302·8*	–0·1	16	– 52
614	La Paz, Mexico	24 10	110 18	18	1005·7	1007·8	..	304·4	306·5	6th	293·6	290·5	13th	299·0	*298·3*	..	1	..
615	Leon	21 7	101 41	1809	817·1	1004·7	–4·8	298·5	302·0	3rd	287·0	282·9	19th	292·7	*291·9*	–0·7	176	+ 65
616	Monterry	25 40	100 18	528	951·1	1009·8	–2·4	301·7	306·6	4th	294·8	293·0	6th	298·3	*297·4*	–0·4	394	+266
617	Tulancingo	20 5	98 22	2181	788·7	..	–1·2	294·4	300·8	7th	284·5	281·0	22nd	289·5	*288·5*	–0·3	112	+ 4
618	Galveston	29 18	94 50	16·5	1010·8	1012·8	–2·5	304·1	306·9	17th	299·5	295·2	24th	301·8	*301·4*	+2·4	93	– 51
618a	New Orleans	29 57	90 4	16·2	1012·2	1013·9	–1·4	305·8	309·1	17th	297·9	294·1	5th	301·9	*301·2*	+2·5	78	– 39
619	Merida, Yucatan	20 58	89 38	22	1006·7	1009·2	–4·0	303·6	306·2	4th	296·6	295·0	30th	300·1	*299·2*	–0·2	316	+170
620	Havana	23 7	82 25	77·0	1002·4	1011·2	–2·7	304·3	305·8	23rd	296·4	295·0	28th	300·3	299·6	–0·2	176	+ 25
620a	Key West	24 33	81 48	6·7	1011·8	1012·5	–1·4	303·9	305·2	6th	298·5	294·7	1st	301·2	*301·1*	+0·2	79	– 93
621	Nassau, Bahamas	25 5	77 20	5·4	..	1014·4	0·0	304·0	308·0	18th	298·0	295·2	26th,27th	301·0	*301·2*	+0·3	56	–136
622	San Salvador (Watling Island)	24 6	74 26	33·5	1011·8	1015·6	+0·4	..	303·6	13th,14th	..	298·0	2,3,7	..	*301·3*	–0·3	..	..
633	Port Etienne	20 56	17 3	4	1012·0	1012·5	..	..	..	..	..	..	..	..	‡295·9	..	..	..
634	La Laguna	28 28	16 20	547	953·3	1015·5	–1·0	296·9	299·5	17th	284·9	281·2	11th	290·9	*292·1*	–2·8	25	+ 13
634m	Izaña	28 19	16 30	2367	771·1	..	–0·4	289·7	294·8	8th	282·4	275·3	13th	286·1	*286·0*	–0·8	6	– 9
636	Adrar	27 52	W. 0 17	285	979·1	1010·3	..	312·7	316·2	12th	296·7	291·4	24th	304·7	*306·2*	..	0	..
638	Tamanrasset (Fort Laperrine)	22 47	E. 5 31	1350	866·0	1007·6	+0·7	304·1	309·0	1st	291·2	288·2	22nd	297·7	298·2	–1·5	4	+ 1
639	Gat	24 58	10 11	566	..	..	..	310·9	314·7	3rd	296·9	293·6	17th,24th	303·9	*303·6*	..	0	..
640	Hon	29 8	15 56	207	..	..	..	308·7	315·9	3rd	290·7	284·1	30th	299·7	*301·0*	..	0	..
641	Giarabub	29 44	24 31	15	..	..	..	305·4	311·5	4th	291·3	286·8	29th,30th	298·3	*299·2*	..	0	..
642	Siwa	29 12	25 29	– 15	1016·3	1014·6	–0·5	305·4	312·6	5th	288·9	286·5	25th	297·1	*296·9*	–2·5	0	0
643	Cairo (Helwan)	29 52	31 20	116	998·8	1012·1	–0·2	303·6	310·7	5th	292·0	289·4	19th	297·8	297·5	–1·2	0	0
643a	Aswan	24 2	32 53	100	997·8	1009·0	+0·5	311·0	315·3	6th	295·4	292·5	14th	303·2	*302·4*	–1·2	..	..
644	Tor	?8 14 N.	33 37 E.	1·9	1008·3	1008·5	+0·1	304·0	310·0	5th	294·7	291·0	30th	299·3	*299·1*	–0·7	0	0

*For Formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics.
‡See Table of Authorities, Remarks, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N. SEPTEMBER - ZONE 6 (ASIA)

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	Mean at M.S.L.	Diff. from Normal	TEMPERATURE Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean*	Diff. from Normal	PRECIPITATION Total	Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	28 59	50 49	4·3	1003·0	1003·6	..	306·0	308·6	9th	298·8	294·7	27th	302·4	*301·9*	–0·9	0	0
648	Jask	25 45	57 45	4·0	1004·0	1004·6	..	306·6	313·0	13th	299·4	297·4	7th	303·0	*302·5*	–0·6	0	0
649	Manora (Karachi)	24 48	66 59	4·0	1005·4	1005·8	–1·0	303·7	309·7	11th	298·2	296·9	Sev. dates	300·9	*300·4*	+0·7	32	+ 22
650	Jacobabad	28 17	68 29	56·7	997·9	1004·1	–0·2	310·8	312·4	1,13,18	299·4	296·3	24th	305·1	*304·5*	–0·1	0	– 5
651	Jaipur	26 55	75 50	436	956·8	1005·1	–1·3	304·3	308·0	8th	296·0	293·6	28th	300·2	*299·4*	–1·6	144	+ 57
652	Nagpur	21 9	79 7	310	970·9	1005·5	–1·0	304·0	308·0	4th,5th	295·9	293·0	25th	299·9	*299·2*	–0·5	375	+166
653	Allahabad	25 26	81 50	94·2	994·2	1004·8	–0·5	306·1	309·7	19th,20th	297·9	295·8	25,26,27	302·0	*301·3*	–0·1	93	– 51
653a	Darjiling	27 3	88 16	2265	776·2	..	+0·2	291·6	294·7	12,19,20	285·8	284·7	4 days	288·7	*288·5*	+0·1	471	– 37
654	Calcutta	22 32	88 20	6·4	1004·8	1005·6	–0·2	304·3	306·9	10,17,18	298·8	297·4	18th,22nd	301·6	*301·4*	+0·3	266	+ 16
655	Gauhati	26 11	91 45	55·5	1000·3	1006·6	–0·4	305·3	308·6	20th	297·9	296·3	24th	301·6	*300·7*	+0·3	71	–102
655a	Akyab	20 8	92 55	8·8	1006·3	1007·3	–0·3	303·2	305·2	9th,11th	298·0	296·3	15,22,27	300·6	*300·5*	–0·2	702	+128
655m	Cherrapunji	25 15	91 44	1313	867·2	..	+0·1	296·6	300·2	18th,19th	291·3	288·0	24th	293·9	*293·4*	+0·4	555	–409
656	Mandalay	21 59	96 6	76·2	998·9	1007·4	–0·8	307·0	309·7	11th,12th	298·6	295·8	8th	302·8	302·0	+0·4	96	– 50
656a	Tengyueh	25 0	98 40	1634	833·9	1004·8	..	298·0	301·0	16th,17th	289·1	285·5	14th	293·5	292·7	+0·8	132	– 56
657	Phu Lien	20 48	106 38	116	..	1007·7	–0·4	304·3	307·5	8th	297·1	294·8	25th	300·7	300·0	+0·1	310	+ 8
658	Moncay	21 31	107 58	9·0	..	1007·6	–0·3	305·3	309·0	11th	297·2	296·4	29th	301·1	300·7	+0·8	319	+ 73
659	Hongkong	22 18	114 10	33·2	..	1008·0	–0·3	303·6	306·4	18th,26th	298·7	296·4	29th	301·0	*300·4*	+0·6	292	– 27
660	Amoy	24 26	118 4	4·9	1008·8	1009·3	–0·4	305·4	309·0	18th	300·0	297·0	29th,30th	302·7	302·1	+1·1	71	– 38
661	Taihoku, Formosa	25 2	121 31	9·3	1007·4	1008·4	–0·8	305·4	308·9	3rd	296·5	294·0	7th	300·9	300·3	+1·1	231	– 18
661a	Basco	20 28	121 59	18·7	..	1007·0	+0·3	303·8	305·5	4th	298·5	296·3	8th	301·1	300·8	+0·3	305	– 16
662	Naha	26 12	127 39	29·5	1006·0	1009·4	+0·5	301·9	303·2	15th	297·2	294·7	8th	299·6	299·5	–0·1	183	+ 1
665	Titizima (Bonin Islands)	27 5 N.	142 11 E.	4·3	1011·6	1012·2	+0·5	302·8	306·0	11th	297·5	292·4	20th	300·1	299·8	0·0	119	– 12

SEPTEMBER - ZONE 7

BETWEEN LATITUDE 20° N. AND 10° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	Mean at M.S.L.	Diff. from Normal	TEMPERATURE Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean*	Diff. from Normal	PRECIPITATION Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
715	Colima	19 12	103 45	498	953·1	1008·5	–2·1	303·2	307·0	7th	293·5	291·6	29th	298·3	297·2	–0·7	207	+ 26
716	Morelia	19 42	101 7	1923	807·6	1006·8	–2·4	295·1	297·4	22nd	287·7	285·4	19th	291·4	290·7	+0·2	118	– 23
717	Mexico, Tacubaya	19 24	99 12	2309	773·2	..	–1·6	295·2	297·2	7th	284·2	281·4	22nd	289·7	288·3	–0·2	100	– 18
718	Salina Cruz	16 12	95 12	56	1002·2	1008·6	–2·6	301·2	304·0	19th	295·2	293·6	25th	298·2	298·8	–1·3	133	– 44
719	₰San Salvador	13 42	89 13	682	936·0	1011·8	0·0	302·7	307·0	1st	292·0	291·0	8,16,22	297·3	*295·7*	–0·3	461	+152
720	Belize	17 31	88 11	5·2	1007·6	1008·1	–3·4	303·7	305·2	Sev. dates	297·7	296·1	25th	300·7	*300·3*	–0·2	232	+ 2
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1011·4	–0·8	303·3	305·0	Sev. dates	295·9	294·4	Sev. dates	299·6	*299·2*	–0·4	224	+ 54
722	Port au Prince	18 33	72 20	37·4	1008·2	1012·3	–0·9	305·2	307·6	4th,8th	296·1	294·4	28th	300·6	*300·2*	+0·2	205	+ 20
723	Caracas	10 30	66 55	1043	897·5	1010·8	..	300·4	302·4	5th	289·3	287·7	27th	294·9	*294·2*	+0·7	184	+ 81
724	San Juan, Porto Rico	18 29	66 7	25·0	1010·1	1012·8	–1·1	302·5	305·2	13th	296·9	295·2	16th	299·7	*299·3*	–0·2	185	+ 12
724a	Grenada (Richmond Hill)	12 5	61 46	188	992·9	1014·2	..	304·2	305·2	26th	296·2	294·7	13th	300·2	*299·6*	+0·4	94	–109
725	Barbados	13 8	59 36	57·9	..	1012·5	–0·3	303·0	304·1	1,12,21	296·3	294·7	22nd	299·7	*299·6*	0·0	223	+ 31
731	São Vicente, C. Verde Is.	16 54	25 4	11	1010·9	1012·1	–1·0	301·4	302·5	10th	293·6	292·0	30th	297·5	*298·3*	–0·9	40	– 8
732	₰San Tiago, C. Verde Is.	14 54	23 31	34	..	..	..	302·8	305·1	18th	..	..	..	..	*300·6*	..	15	– 12
733	Dakar	14 40	17 26	32	1007·6	1011·2	..	304·2	306·9	16th	297·6	294·4	6th	300·9	*300·5*	–0·2	150	+ 14
734	₰Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	303·0	305·2	18th	296·3	294·1	3rd	299·7	*300·1*	+0·1	133	–148
735	Bamako	12 39	7 58	340	974·1	1012·3	..	303·5	306·0	12th	295·8	294·1	10th	299·7	*298·7*	..	212	..
736	Kabara	16 45	W. 3 1	273	..	..	..	311·1	315·0	16th	296·1	294·8	5th	303·6	*302·6*	..	6	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	307·1	310·2	7th,16th	295·8	293·6	2nd	301·4	*300·6*	+0·8	38	– 81
738	Kaduna Capital	10 32	7 25	584	943·1	1007·2	..	302·3	304·1	16th,26th	292·8	291·3	27,29,30	297·5	*296·8*	+0·2	278	– 14
739	Bilma	18 41	12 55	356	969·3	1008·5	..	315·3	318·5	21st	290·0	285·0	29th	302·7	..	..	0	..
740	Maiduguri	11 47	13 11	361	..	..	..	306·8	310·8	27th	..	..	..	..	₰300·4	+0·1	185	+ 82
741	El Fasher	13 32	25 18	730	928·4	1007·7	..	309·0	312·0	24th	292·9	286·0	28th	300·9	*299·2*	–0·4	37	+ 6
743	El Obeid	13 11	30 14	563	946·8	1008·6	+1·9	307·2	310·7	30th	294·8	290·8	3rd	301·0	*299·6*	–0·2	74	– 6
743a	Khartoum	15 37	32 33	380	965·4	1006·9	–0·4	311·1	315·3	30th	297·3	294·3	1st	304·2	*304·0*	–0·8	5	– 13
744	Port Sudan	19 37	37 13	5·5	1007·9	1008·5	+1·1	311·1	316·5	1st	299·1	295·5	19th,21st	305·1	*304·4*	–0·1	0	0
745	Berbera, Somaliland	10 26	45 2	13·8	1003·8	1005·4	–1·1	312·1	314·1	12,18,21	303·0	299·7	25th	307·5	*307·1*	+0·9	0	– 2
746	Aden	12 49	45 2	29·9	1001·5	1004·8	–2·4	307·0	309·1	27th	300·5	299·1	4 days	303·7	*303·3*	–0·4	0	– 4
751	Bombay	18 54	72 49	11·3	1006·3	1007·5	–1·8	303·0	305·2	30th	297·6	296·3	6,26,30	300·3	299·9	+0·1	313	+ 46
752	Kodaikanal	10 14	77 28	2343	770·0	..	–0·3	289·7	291·9	16th,22nd	283·8	282·4	27th	286·7	286·3	+0·3	234	+ 50
752a	Bangalore	12 58	77 35	921	908·5	1008·9	–0·5	300·6	303·6	27th,28th	291·5	290·2	13,21,25	296·1	*295·1*	–0·1	103	– 74
753	Madras	13 4	80 15	6·7	1007·0	1007·8	–0·5	307·2	310·2	15th,18th	298·8	296·9	28th,29th	303·0	*302·4*	+0·9	30	– 96
754	Vizagapatam	17 42	83 18	38·4	1001·4	1005·7	–0·3	304·4	309·1	18th	298·7	296·9	9th,11th	301·6	*301·0*	–0·3	140	– 26
755	Port Blair	11 40	92 43	18·0	1006·6	1008·6	–0·7	301·8	304·1	1,17,30	297·9	295·2	15th	299·9	*299·3*	–0·2	759	+300
756	Rangoon	16 46	96 11	5·5	1007·7	1008·4	–0·6	303·4	306·3	1st,30th	297·5	295·2	12th	300·4	*299·5*	+0·2	409	+ 22
757	Cap St. Jacques	10 20	107 5	180	..	1010·0	..	301·5	304·3	1st	296·1	293·6	1st	298·8	*298·4*	–0·7	316	+136
758	Nhatrang	12 15	109 12	3·6	..	1007·0	..	304·1	306·5	14th	296·8	295·9	26th	300·5	*300·0*	–0·3	155	– 13
759	Iba	15 20	119 58	4·8	..	1007·4	+0·9	303·7	306·7	6th	296·4	295·8	14th	300·1	*299·2*	–0·1	1383	+685
761	Vigan	17 34	120 23	12·2	..	1006·6	–0·1	304·2	306·0	20th	297·0	295·5	15th	300·6	300·1	0·0	343	–126
761a	Manila	14 35	120 59	10·1	..	1008·3	+1·1	303·8	305·8	4th	296·7	295·9	20th	300·3	299·5	–0·3	586	+229
762	₰Ormoc	11 0	124 36	5·6	..	1008·0	+0·6	304·9	305·8	16th,17th	..	..	..	..	*300·2*	+0·5	235	– 44
765	Guam, Ladrone Is.	13 24	144 38	18·6	..	1009·1	+1·9	?303·9	?305·6	22nd	297·2	295·5	10th	?300·5	*300·4*	+0·1	367	– 11
766	Saipan	15 14 N.	145 46 E.	207	987·6	1007·8	..	302·2	303·3	25th	296·8	294·5	18th	299·5	299·0	..	221	..

*For Formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics.
‡See Table of Authorities, Remarks, pages 105-15. ₰Change of normals, see Table of Authorities, pages 105-15.

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TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1010·6	1011·3	–0·2	303·9	304·7	Sev. dates	297·8	296·9	17,27,30	300·8	*300·4*	–0·4	11	– 70
821	Cristobal	9 23	79 54	11·0	..	1009·9	–0·5	303·8	305·8	12th	297·2	295·2	4th	300·5	299·5	+0·6	231	– 87
822	Bogota	4 36	74 5	2645	747·5	..	+1·4	292·3	295·5	11th	282·9	281·2	16th	287·6	*287·1*	+0·3	59	– 2
822a	Merida, Venezuela	8 36	71 9	1641	841·5	..	..	297·3	300·0	4th	288·1	286·5	30th	292·7	*291·4*	–0·2	241	+ 72
823	§Ciudad Bolivar	8 9	63 33	38	1005·0	1009·3	–1·4	305·1	306·6	24th,25th	296·7	293·3	8th	300·9	*300·4*	–0·2	132	+ 27
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1011·6	–0·6	303·9	304·9	20th	297·6	295·8	9th,13th	300·7	*300·3*	+0·3	46	– 35
826	Paramaribo	5 49	55 9	3·7	1011·5	1011·9	–1·0	306·1	307·0	7th,22nd	296·2	294·2	29th	301·1	*300·9*	+0·3	73	0
826a	Cayenne	4 54	52 21	6	1010·6	1011·3	..	305·0	306·3	6th	296·9	295·8	19th	300·9	*300·4*	0·0	16	– 15
										Sea Temp.								
831	10°-5° N., 30°-25° W.	††7 24	††27 24	§(20-27)	..	1013·5	+0·5	..	..	299·9	+0·1	..	..	..	*299·7*	+0·3	..	..
833	Konakri	9 31	13 43	12·5	1011·4	1012·9	..	303·0	305·0	23rd	295·2	293·1	11th	299·1	*298·6*	+0·4	508	–282
834	Freetown, Sierra Leone	8 29	13 14	55·0	1006·7	1013·1	+1·5	301·6	303·0	15,17,30	..	..	..	..	*298·7*	..	397	–326
835	Assuantsi	5 18	1 15	97·3	1001·1	1012·3	..	300·6	303·0	20th,30th	294·0	290·2	1st	297·3	*296·8*	–0·1	80	– 4
836	Accra	5 33	W. 0 12	17·7	1011·6	1013·7	+0·6	301·7	303·6	25th	295·8	293·0	4th	298·8	*298·4*	+0·7	14	– 16
837	Lagos	6 27	E. 3 24	1·8	1013·3	1013·6	+1·4	301·3	303·6	24th,26th	296·4	293·6	29th	298·9	*298·3*	0·0	139	– 3
838	Victoria, Nigeria	4 1	9 12	15·5	1011·6	1013·4	..	301·4	303·6	7,10,25	293·7	291·3	25th	297·6	*297·1*	..	300	– 84
839	Yola	9 12	12 30	259	..	..	..	302·6	305·2	Sev. dates	294·7	290·2	9th	298·6	*298·0*	–0·6	153	– 51
841	Barumbu	1 11	23 30	§450	..	..	..	303·7	306·5	21st	292·7	290·6	12th	298·2	*297·5*	..	128	..
842	Wau	7 42	28 3	440	960·2	1009·0	–0·5	304·9	307·0	22nd,30th	294·2	292·5	3rd,28th	299·5	*298·9*	+0·7	117	– 36
843	Malakal	9 35	31 37	394	966·4	1010·4	+0·5	304·8	307·2	19th	295·3	293·4	29th	300·1	*298·8*	+0·1	111	– 26
843a	Juba	4 53	31 35	475	957·5	1010·4	..	305·2	308·5	30th	292·1	290·5	2nd	298·7	*297·8*	..	85	..
844	Kampala (Kololo Hill)	0 20	32 36	1312	869·4	1009·4	..	298·8	300·6	30th	289·0	286·7	30th	293·9	293·0	..	108	..
845	Baidoa	3 7	43 39	480	959·8	1013·2	..	304·8	306·0	13,19,27	292·0	291·0	7th	298·4	..	..	2	..
846	Sheikh	9 55	45 15	1463	..	..	..	301·3	302·4	19th,20th	290·2	288·6	29th,30th	295·7	..	..	81	+ 1
851	Minicoy	8 18	73 0	2·7	1011·2	1011·5	–0·1	301·9	303·0	5 days	297·7	295·8	1st,2nd	299·8	*299·2*	..	213	+ 50
851a	Cochin	9 58	76 14	2·7	1010·8	1011·2	–0·1	300·7	302·4	13th,16th	296·9	295·8	6th,29th	298·8	*298·2*	–0·8	368	+140
852	Colombo Observatory	6 54	79 52	7·3	..	1010·1	+0·4	301·4	301·9	20th,27th	297·7	295·8	29th	299·6	*299·0*	–0·7	105	– 16
853	Nuwara Eliya	6 58	80 46	1881	813·2	1011·2	+0·4	291·3	295·7	25th	285·4	281·4	27th	288·3	*287·6*	+0·1	230	+ 25
854	Trincomalee	8 35	81 15	30·2	..	1007·1	+0·3	304·4	306·2	20th,23rd	297·5	295·8	29th	300·9	*300·3*	–1·2	110	– 9
855	Koetaradja	5 32	95 20	7·1	..	..	..	..	..	..	..	..	..	..	..	..	54	–115
856	Medan	3 35	98 41	25·0	..	1009·3	–0·4	304·3	306·6	17th	295·0	293·8	21st	299·7	*298·8*	+0·4	203	– 7
857	Butterworth	5 25	100 22	2·1	..	1009·2	..	304·0	305·2	Sev. dates	296·2	294·7	9th	300·1	299·7	..	273	..
858	Singapore (Mt. Faber)	1 16	103 49	90·5	..	1009·6	+0·1	303·6	306·3	11th	296·2	293·6	23rd	299·9	299·8	..	153	..
859	Sandakan	5 50	118 7	55·5	1003·2	1009·7	..	304·3	306·3	1st	296·6	295·2	16,27,29	300·5	*300·0*	–0·1	275	+ 38
860	Iwahig	9 44	118 38	14·3	..	1007·6	+0·2	304·2	306·0	26th	295·8	294·7	25th,26th	300·0	*299·3*	+0·2	149	– 85
861	Tagbilaran	9 38	123 51	21·3	..	1008·4	+0·4	304·7	306·3	20th	297·5	295·2	25th	301·1	300·3	0·0	352	+196
861a	Menado	1 30	124 50	8·5	..	..	..	..	..	..	..	..	..	..	..	..	46	– 41
862	Surigao	9 48	125 29	6·0	..	1008·7	+0·7	304·7	308·3	18th	297·2	296·0	5th	300·9	300·3	–0·1	215	+ 52
863	Kolonie, Yap	9 29	138 8	29·3	..	1011·0	+2·5	304·0	305·5	19th,28th	297·4	296·2	26th	300·7	300·0	+0·2	242	– 82
864	Palau	7 20	134 29	31·8	1006·3	1009·9	+0·2	302·5	303·7	30th	297·4	296·0	17th	299·9	299·5	–0·4	466	+ 84
867	Ponape	6 58 N.	158 13 E.	38·9	1005·9	1010·4	..	302·4	303·7	1st	295·2	293·5	29th	298·8	298·6	..	372	..

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902	Atafu	8 32	172 31	1·8	..	1012·5	..	..	..	..	299·1	295·4	22nd	..	§*301·2*	..	58	..
920	Lambayeque	6 46	79 55	15	1011·9	1013·7	..	297·8	299·0	6th	289·6	288·0	10th	293·7	292·5	..	1	..
921	Quito	0 13	78 30	2816	727·1	..	–0·8	294·7	298·6	3rd	280·8	278·9	23rd	287·7	285·9	–0·2	108	+ 25
923	Senna Madureira	9 4	68 40	135	995·0	1010·3	..	308·2	310·0	Sev. dates	294·6	293·0	15th,25th	301·4	*299·6*	..	74	..
923a	São Gabriel do Rio Negro	0 8	67 5	85	1001·4	1011·0	..	305·5	308·5	22nd	295·0	293·0	8th	300·2	*298·8*	..	113	..
924	Manaos	3 8	60 1	43·8	1006·2	1011·1	..	306·5	309·4	21st	296·2	294·3	20th	301·4	*301·2*	+0·6	65	+ 19
925	Parintins	2 38	56 44	18	..	..	..	..	..	..	..	..	..	..	..	..	50	..
926	Taperinha	2 30	54 20	21·5	1008·8	1011·1	–0·5	306·0	308·2	20th	295·7	294·1	30th	300·8	*299·6*	+0·3	24	– 12
927	Turyassu	1 43	45 26	9·1	1010·6	1011·6	–0·2	304·6	306·8	29th	295·4	293·8	29th	300·0	*299·8*	+0·3	6	– 10
928	Barra do Corda	5 30	45 16	81·0	1004·2	1013·5	..	308·2	310·0	12th	294·3	289·9	8th	301·2	*300·6*	+1·1	1	– 24
929	§Quixeramobim	5 16	39 15	199	990·2	1012·7	–0·6	306·3	307·7	20th	297·4	296·4	7th	301·8	*301·5*	+0·6	0	– 2
930	Fernando Noronha	3 50	32 25	106	1002·2	1014·3	+0·1	300·2	301·3	26th,28th	296·2	294·3	10th	298·2	*298·0*	–0·1	52	+ 39
934	Ascension Island	7 56	W. 14 25	16·8	1014·3	1016·1	–0·1	300·5	301·9	14,21,22	294·7	293·0	29th	297·6	*297·1*	+0·2	4	– 3
939	Loanda	8 49	E. 13 13	59·3	..	1014·3	0·0	298·6	301·4	21st,22nd	292·3	289·8	7th	295·5	294·6	+0·3	2	0
940	Brazzaville	4 17	15 16	320	..	..	..	..	..	..	..	..	..	..	..	..	..	..
942	Tshibinda	2 19	28 45	2115	..	..	..	294·8	296·9	6th	282·8	279·7	2nd	288·8	*289·7*	..	195	..
943	Masaka	0 20	31 44	1280	..	..	..	298·2	300·9	30th	288·8	286·8	29th	293·5	*292·8*	..	100	+ 21
944	Nairobi (Kabete Obs.)	1 16	36 48	1820	822·2	1013·7	..	294·8	299·4	30th	284·1	280·3	22nd	289·5	288·6	..	8	..
944a	Zanzibar (Chukwani Palace)	6 15	39 13	21	1014·2	1016·6	..	301·2	303·2	21st	295·1	293·7	22nd	298·1	297·4	..	8	..
945	Afmadu	0 30	42 4	7	..	..	..	305·2	308·0	26,27,28	292·9	291·0	9,12,16	299·1	..	..	4	..
947	Seychelles, Port Office	4 37	55 27	4·6	1012·5	1013·0	–0·1	300·3	301·3	8th	296·6	294·7	5th	298·5	*297·8*	–0·6	278	+154
957	Padang	0 56	100 22	6·7	..	1010·8	+0·1	303·0	305·3	15th	296·4	294·2	9th	299·7	*299·1*	–0·1	302	–105
958	Batavia	6 11	106 50	8·0	1009·6	1010·5	0·0	304·0	305·4	21st	296·3	295·0	22nd	300·1	299·6	0·0	172	+ 99
958a	Pontianak	0 1	109 20	2·6	..	1010·4	+0·6	305·2	307·5	11th	296·6	294·7	1st	300·9	*300·2*	+0·5	389	+155
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	3rd	300·5	*300·5*	+0·9	15	+ 9
962	Amboina	3 42	128 10	4·2	..	1010·4	–0·3	302·1	303·9	30th	296·5	295·2	16th	299·3	*299·0*	+0·7	253	+ 11
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	127	+ 2
965	Daru	9 4	143 13	7·6	..	..	..	302·4	..	..	296·6	..	..	299·5	299·1	+0·7	42	+ 4
966	Port Moresby	9 29	147 9	38·4	..	1011·3	–0·5	302·6	..	..	296·4	..	..	299·5	*299·1*	+0·7	3	– 26
967	Rabaul	4 9	152 12	12·5	1008·2	1009·6	+0·1	305·5	308·2	18th	295·6	294·0	28th	300·6	*300·0*	–0·1	75	– 10
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	303·0	304·7	27th,28th	297·3	295·2	21st	300·2	*300·0*	0·0	216	+ 22
970	Ocean Island	0 52	169 35	42·6	1006·2	1011·1	+0·5	305·1	306·3	30th	298·2	296·9	16th	301·7	*301·0*	+0·5	8	– 88
972	Funafuti, Ellice Is.	8 30 S.	179 13 E.	2·4	1010·2	1010·5	..	304·9	306·9	21st	298·3	296·3	28th	301·6	*301·2*	..	146	..
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
‡See Table of Authorities, Remarks, pages 105-15.
§Change of normals, see Table of Authorities, pages 105-15.
§ Number of observations.
†† Mean latitude and longitude of the observations.

SEPTEMBER - ZONE 10

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1001	Vavau	18 39	173 59	9·1	1014·9	1015·9	..	300·0	301·8	15th	294·4	289·8	24th	297·2	*296·8*	..	21	..
1002	Apia, Samoa	13 48	171 46	2·0	..	1012·5	+0·5	302·2	303·5	4th	295·9	293·7	2nd	299·1	298·5	–0·6	272	+142
1003	Alofi, Niue Is.	19 2	169 55	19·8	..	1016·7	+1·1	301·5	304·7	8th,12th	292·1	288·6	10th	296·8	*296·6*	+0·2	36	– 72
1004	Pukapuka, Danger Is.	10 53	165 54	2·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1005	Aitutaki, Cook Is.	18 53	159 46	3·0	..	..	..	301·3	303·0	27,29,30	293·9	290·2	24th	297·6	*297·1*	..	..	..
1007	Papeete (Hamuta)	17 32	149 33	5·0	1014·1	1014·6	..	302·8	305·9	1st	294·1	293·0	18th	298·5	297·9	..	126	..
1021	Lima	12 5	77 3	111	1002·7	1015·9	..	293·6	295·3	17th	286·2	284·9	20th	289·9	288·8	..	7	..
1022	Arica	18 28	70 20	29	1012·7	1016·2	..	292·7	293·6	17th	286·5	282·0	7th	289·6	*289·2*	+0·6	0	0
1024	La Paz, Bolivia	16 30	68 8	3658	658·3	..	+0·2	291·3	295·2	30th	275·6	273·6	10th	283·5	*282·6*	+0·1	13	– 15
1025	§Corumba	18 59	57 39	116	997·8	1010·8	–0·1	303·9	310·8	30th	292·0	286·4	5th	298·0	*298·0*	–0·3	55	– 14
1026	Cuyaba	15 36	56 6	165	992·3	1011·0	+0·7	307·6	311·7	13th	293·6	289·5	5th	300·6	*299·6*	–0·2	9	– 42
1027	Bello Horizonte	19 56	43 57	895	916·0	1014·8	+0·1	300·0	305·8	1st	288·0	284·8	2nd	294·0	*293·6*	+0·5	43	+ 8
1028	Caetite	14 3	42 37	897	917·2	1015·4	+0·9	301·8	307·1	25th	287·6	284·9	4th	294·7	*295·6*	+0·6	8	– 11
1029	§Ondina (Bahia)	13 0	38 31	64	1008·8	1016·3	+0·2	299·9	302·2	25th	293·9	292·4	7th	296·9	*296·6*	–0·5	105	+ 25
1030	§Aracaju	10 55	37 3	6·1	1015·0	1015·6	–1·0	300·3	301·4	25th,26th	294·5	290·9	4th	297·4	*297·7*	+0·4	11	– 46
1035	§St. Helena	15 57	W. 5 40	604	948·0	1018·1	–0·5	288·2	289·7	12th	285·2	284·7	Sev. dates	286·7	*286·8*	+0·1	28	– 27
1039	Mossamedes	15 12	E. 12 9	12·5	1014·1	1015·6	..	293·4	296·6	11th	287·7	282·0	2nd	290·5	..	..	0	0
1041	Livingstone	17 50	25 49	972	908·2	1014·1	..	304·0	306·5	30th	284·3	281·8	2nd	294·1	..	–0·4	0	– 3
1041a	Elisabethville	11 40	27 29	1230	877·6	1009·6	+0·1	304·0	306·5	29th	282·8	276·9	26th	290·7	..	–1·6	0	– 4
1042	Gwelo	19 26	29 45	1411	865·9	1018·6	..	298·6	305·2	29th	282·8	276·9	26th	290·7	..	–1·6	0	– 4
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	856·2	1016·4	+0·9	298·1	302·6	30th	283·2	278·6	25th	290·6	290·4	–1·6	6	– 1
1044	Zomba	15 23	35 18	921	913·3	1014·2	+1·0	298·6	305·2	29th	287·2	283·0	2nd	292·9	292·2	–0·9	5	– 4
1045	Mossuril	14 57	40 40	15	..	1018·4	+1·4	301·4	305·1	29th	290·7	287·4	7th	296·1	296·2	–0·9	3	– 9
1046	Antananarivo	18 55	47 33	1375	868·7	1020·0	+0·9	295·5	300·2	26th	282·4	279·0	6th	288·9	287·3	–1·7	120	+106
1046a	Tametave	18 9	49 22	7	..	1022·0	..	298·0	301·0	27th	291·0	289·7	23rd	294·5	*294·0*	..	127	..
1047	Vohémar	13 24	50 2	2	..	1017·8	..	299·6	301·1	27th	292·0	290·4	8th	295·8	*295·3*	..	37	..
1048	Antalaha	14 53	50 15	4	..	1020·6	..	299·9	303·4	26th	290·9	289·5	24th	295·4	*294·8*	..	59	..
1055	Cocos, Keeling Is.	12 5	96 53	4·6	..	..	..	301·7	303·4	28th	297·2	295·6	19th	299·4	*299·0*	+0·3	65	– 24
1057	Christmas Island	10 25	105 43	5·5	1009·4	1010·1	–0·4	302·1	303·6	5th	296·1	293·0	7th	299·1	*298·8*	–0·6	204	+141
1061	Koepang	10 10	123 34	45·1	..	1010·8	–0·9	306·5	309·0	27th	295·0	290·2	9th	300·7	*300·1*	+0·7	0	– 2
1061a	Derby	17 18	123 40	16·2	1010·9	1012·7	–0·6	307·3	310·9	26th	292·9	289·6	10th	300·1	..	+0·7	0	0
1062	Hall's Creek	18 13	127 46	373	971·8	1013·0	–0·4	306·1	309·1	17th	290·8	284·7	5,6,7	298·4	*297·9*	+0·9	6	+ 1
1063	Darwin	12 28	130 51	29·6	1008·4	1011·7	+0·1	305·5	308·0	28th	296·9	294·4	27th	301·2	*300·1*	+0·1	49	+ 36
1064	Daly Waters	16 16	133 23	211	988·1	1011·5	–0·4	308·9	311·3	18th	291·3	283·6	7th	300·1	*299·6*	+0·6	0	– 6
1065	Palmerville	15 56	144 8	210	988·1	1011·5	–1·0	306·9	309·1	23rd	289·9	286·3	15th	298·4	..	+0·5	7	– 2
1066	Georgetown, Queensland	18 22	143 32	302	979·0	1012·7	–1·4	306·4	309·1	24,25,27	289·2	281·9	9th	297·8	..	+0·4	18	+ 9
1066a	Willis Island	16 18	149 59	8·5	1012·3	1013·3	–1·0	299·9	301·3	1st	295·6	293·0	5th	297·7	*297·8*	+0·1	207	+181
1067	Samarai	10 37	150 40	6·1	..	1013·0	+0·9	303·0	..	..	296·1	..	..	299·6	*299·4*	+1·2	323	+ 55
1070	Vila, New Hebrides	17 44	168 19	57·0	1007·6	1014·2	..	298·5	301·0	16th	291·6	288·0	1st	295·0	*294·5*	..	101	..
1071	Rotuma, Fiji	12 30	177 0	27·4	1008·9	1012·0	..	302·2	303·6	4,16,26	296·2	293·6	17th	299·2	299·0	..	271	..
1072	Suva, Fiji	18 8 S.	178 26 E.	3·7	1015·1	1015·5	+1·3	300·5	304·1	10th	294·6	291·3	1st,2nd	297·5	*297·3*	+0·9	39	–156

SEPTEMBER - ZONE 11 (AMERICA, AFRICA)

BETWEEN LATITUDE 20° S. AND 30° S.

1101	Nukualofa, Tonga	21 8	175 12	3·0	1017·4	1017·7	..	298·4	301·7	12th	291·6	287·6	8th	295·0	*294·5*	..	30	..
1105	Rarotonga (Avarua)	21 12	159 46	6·1	..	..	..	299·2	300·8	4th	291·2	286·9	9th,20th	295·2	*295·0*	+0·1	69	– 45
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1015·1	1017·9	+0·3	288·6	291·2	1st	282·9	280·7	22nd	285·7	*285·5*	–0·3	0	– 4
1122	Antofagasta	23 42	70 24	94	1005·9	1017·2	–0·6	290·3	291·5	14th,29th	284·0	282·0	4th,5th	287·1	*286·9*	–0·8	5	+ 4
1123	Catamarca	28 29	65 47	528	953·7	1013·9	+1·6	298·7	308·4	17th	284·6	277·2	23rd	291·6	291·5	–0·2	5	– 2
1124	Salta	24 46	65 24	1173	883·0	1012·0	+0·4	297·2	305·5	17th	281·0	273·9	7th	289·1	289·1	–1·2	1	– 7
1125	Goya	29 9	59 15	37	1011·3	1015·7	+0·5	298·1	307·0	29th	284·0	276·5	5th	291·0	*290·8*	+0·4	69	+ 9
1126	Asuncion	25 17	57 41	139	1001·0	1017·1	+3·4	301·6	312·0	30th	289·7	280·1	5th	295·6	*294·9*	+1·0	65	– 21
1127	Curityba	25 25	49 17	908	915·9	1018·2	+0·8	294·3	302·4	30th	282·9	278·8	4th,5th	288·6	*287·6*	+0·1	71	– 51
1128	Rio de Janeiro	22 54	W. 43 10	18·3	1015·4	1017·5	+0·5	296·4	302·7	24th	291·1	287·7	6th	293·8	293·5	–0·4	56	– 10
1139	Windhoek	22 34	E. 17 6	1727	832·3	1013·9	..	299·8	302·7	24th	284·5	276·3	1st	292·1	*292·0*	+0·3	0	– 2
1140	§O'Okiep	29 36	17 52	933	913·5	1018·9	+2·0	295·4	305·7	25th	280·8	275·2	2nd	288·1	*287·7*	+0·6	2	– 13
1141	Kimberley	28 44	24 46	1218	883·5	1016·9	+1·1	299·2	305·2	26th	283·3	276·9	20th	291·3	291·1	+1·8	0	– 15
1141a	Johannesburg	26 11	28 4	1806	826·7	1019·0	+1·1	295·4	299·8	26th	281·7	275·9	20th	288·6	*288·5*	+0·4	10	– 14
1142	Bulawayo	20 9	28 35	1349	870·0	1016·4	+0·4	298·5	305·8	30th	283·4	279·1	24th,26th	290·9	290·9	–1·8	0	– 4
1143	Durban	29 52	31 3	15·2	1019·4	1021·2	+0·4	295·6	298·6	10th	289·2	285·1	1st	292·4	*291·9*	+0·3	50	– 31
1144	Lourenço Marques	25 58	32 36	59·5	..	1021·4	+1·9	299·8	309·8	19th	289·3	285·7	23rd	294·5	293·9	+0·3	4	– 23
1145	Tulear	23 20	43 40	6	..	1018·8	..	295·6	298·0	30th	290·5	288·1	2nd	293·1	292·7	..	50	..
1146	Fort Dauphin	25 1	46 58	14	..	1023·3	..	296·8	299·2	17th	290·0	286·6	9th	293·4	292·9	–1·0	55	+ 19
1147	Mauritius	20 6 S.	57 33 E.	55·2	1014·5	1021·0	+0·9	296·8	299·2									
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Change of normals, see Table of Authorities, pages 105-15.

SEPTEMBER - ZONE 11 (AUSTRALIA) — TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	Mean at M.S.L.	Diff. from Normal	TEMPERATURE Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean*	Diff. from Normal	PRECIPITATION Total	Diff. from Normal
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1013·6	1014·1	–0·4	300·7	306·9	7th	285·7	281·3	3rd	293·2	..	–1·3	0	– 1
1160	Cue	27 27	117 52	454	966·3	1018·2	+2·0	297·3	303·4	26th	283·8	278·6	7th	290·6	..	+0·3	3	– 6
1161	Nullagine	21 53	120 5	386	972·2	1015·6	+1·6	302·9	307·4	28th	284·6	278·6	1st	293·7	..	–1·0	2	+ 2
1162	Laverton	28 40	122 23	466	964·2	1017·6	+0·9	296·5	304·4	13th	282·6	276·9	2nd	289·6	*289·6*	–0·3	22	+13
1163	Alice Springs	23 38	133 35	579	950·8	1016·4	+1·0	296·0	305·2	16th	283·2	277·6	5th	289·6	*289·7*	–1·9	22	+12
1164	William Creek	28 55	136 21	76·2	1009·8	1018·7	+1·9	295·7	304·7	15th	282·3	276·7	10th	289·0	*288·8*	–1·1	2	– 8
1164a	Boulia	22 55	139 38	146	998·0	1014·8	+0·6	301·1	311·3	18th	286·2	278·7	9th	293·6	*293·7*	–1·1	0	– 8
1165	Thargomindah	27 58	143 43	123	1002·4	1016·9	+1·1	296·2	305·2	18th	284·7	276·7	9th	290·4	*290·2*	–1·0	26	+12
1166	Mitchell	26 32	147 52	336	978·3	1017·4	+0·6	295·6	301·3	18th,19th	282·2	273·3	10th	288·9	..	–0·6	65	+33
1167	Rockhampton	23 24	150 30	11·3	1015·7	1017·0	+0·1	298·7	303·7	19th	288·4	280·9	10th	293·6	*292·9*	–0·5	26	– 8
1168	Brisbane	27 28	153 2	41·8	1014·1	1018·6	+1·2	295·7	299·7	19th	286·4	280·5	10th	291·1	*290·8*	–0·4	109	+58
1170	Norfolk Island	29 4 S.	167 59 E.	14·9	1019·0	1020·8	+1·0	292·0	294·9	20th	287·4	283·8	24th	289·7	*289·3*	–0·2	49	–51

SEPTEMBER - ZONE 12 — BETWEEN LATITUDE 30° S. AND 40° S.

1221	Juan Fernandez	33 37 S.	78 52 W.	6	1020·5	1021·2	–0·8	288·6	293·0	13th,15th	283·0	278·1	20th	285·8	*285·5*	+0·1	88	+14
1221a	Punta Tumbes	36 37	73 6	120	1004·2	1018·8	+0·5	286·2	292·9	23rd	280·4	277·5	18th	283·3	*282·9*	–0·4	59	+ 4
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1013·3	1018·3	+0·3	289·4	294·4	13th,14th	281·8	278·5	19th	285·6	*285·1*	–0·3	15	–18
1222a	Santiago	33 27	70 42	520	956·8	1018·0	+0·3	290·6	299·9	23rd	278·7	274·2	22nd	284·7	*283·9*	–0·4	21	–11
1223	Cordoba	31 25	64 12	423	966·8	1016·1	+0·4	295·2	306·3	29th	281·7	275·7	2nd	288·4	288·0	+0·2	83	+60
1224	Bahia Blanca	38 45	62 16	28·7	..	..	..	..	..	..	..	..	..	..	..	..	29	–11
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1015·3	1018·3	+0·2	291·2	298·0	10th	282·3	275·1	2nd	286·8	286·7	+0·9	104	+28
1226	Montevideo (Prado)	34 52	56 12	24·9	..	1020·5	+3·0	290·6	300·6	9th	281·1	271·8	5th	285·9	286·0	0·0	69	–19
1226a	Porto Alegre	30 2	W. 51 13	23·5	1015·3	1018·1	+0·9	294·1	300·0	9th	286·6	279·4	5th	290·3	290·0	+0·5	106	– 9
1239	Cape Town	33 56	E. 18 29	12·2	..	1020·5	+1·7	292·6	300·4	22nd	283·5	276·3	1st	288·1	*286·8*	+0·7	31	–26
1240	Klaver	31 47	18 37	41·8	1016·6	1021·6	+0·5	297·8	308·5	24th	282·3	279·0	14th	290·1	..	+0·2	2	–16
1241	Riversdale	34 6	21 16	105	1010·2	1022·8	...	295·6	307·2	25th	280·6	274·7	11th	288·1	..	+0·5	14	–26
1242	ǂEast London	33 1	27 54	45·4	1014·8	1020·2	+1·4	293·1	300·8	9th	284·9	280·2	21st,30th	289·0	..	–0·6	30	–22
1259	Perth (Observatory)	31 57	115 51	60·0	1011·4	1018·7	+0·7	293·3	303·4	25th	283·2	279·7	8th	288·3	*288·2*	+0·7	67	–21
1260	Katanning	33 42	117 35	310	981·7	1018·5	+1·6	291·4	300·2	25th	279·1	274·4	22nd	285·3	..	+0·2	40	– 9
1261	Coolgardie	30 57	121 10	423	969·3	1018·1	+1·2	294·6	304·7	13th	280·8	276·3	18th	287·7	*287·7*	–0·2	10	– 6
1262	Eucla	31 45	128 58	4·6	1017·4	1018·0	+1·3	292·7	303·0	6th,13th	281·3	274·7	8th	287·0	*286·6*	–1·1	6	–13
1263	Streaky Bay	32 48	134 13	13·1	1017·5	1018·9	+1·5	291·7	299·1	15th	282·2	277·6	24th	286·9	*286·5*	–0·5	30	– 3
1264	Adelaide	34 56	138 35	42·7	1013·5	1018·6	+1·3	291·3	297·1	28th	281·7	276·9	23rd	286·5	*286·3*	–0·5	73	+20
1265	ǂMelbourne	37 49	144 58	35·1	1013·5	1017·9	+2·1	289·4	294·7	28th	280·3	274·1	23rd	284·9	*284·7*	–0·3	30	–29
1266	Bourke	30 13	145 58	110	1006·8	1020·0	+1·3	295·4	304·1	17th	282·8	275·8	9th	289·1	..	–1·1	53	+33
1267	ǂSydney	33 51	151 13	42·1	1013·0	1017·9	+1·9	291·8	299·7	17th	284·1	278·8	14th	287·9	*287·6*	–0·1	71	– 2
1268	Lord Howe Island	31 20	159 0	4·9	1017·4	1017·9	–0·6	292·6	295·2	2nd	287·3	283·0	22nd	289·9	..	0·0	174	+42
1271	Auckland	36 51	174 48	40·8	..	1018·4	+2·0	288·8	291·9	19th	282·5	278·8	26th,27th	285·7	..	+0·1	113	+20
1272	Napier	39 29 S.	176 55 E.	1·5	..	..	..	287·8	293·8	19th	279·0	274·1	16th	283·4	..	–1·6	30	–25

SEPTEMBER - ZONE 13 — BETWEEN LATITUDE 40° S. AND 50° S.

1301	Chatham Island	43 57 S.	176 31 W.	45·7	1011·6	1017·2	+5·8	..	..	..	..	..	..	..	..	..	24	–41
1321	Isla Guafo	43 34	74 45	140	1000·6	1017·7	+0·6	281·8	284·6	26th	278·3	276·0	1st	280·1	*280·0*	–0·4	47	–29
1322	Punta Galera	40 1	73 44	40	1014·6	1019·5	+1·5	285·2	292·5	20th	279·5	275·6	8th	282·3	282·2	–0·1	93	–82
1323	Sarmiento	45 33	69 1	272	981·5	1014·3	+1·5	287·8	292·0	23rd,24th	274·6	268·6	9th	281·2	281·6	+0·7	1	–10
1324	Puerto Madryn	42 46	W. 65 2	14	1015·4	1017·1	+2·9	291·0	302·0	24th	276·6	270·5	2nd,3rd	283·8	284·5	+1·0	0	–15
1365	Launceston	41 27	E. 147 10	81·1	1005·5	1015·3	+3·5	289·6	295·4	30th	278·4	272·4	12th	284·0	*283·2*	+1·1	98	..
1366	ǂHobart	42 53	147 20	53·9	1006·8	1013·3	+2·4	288·4	293·5	15th	280·1	275·7	9th	284·3	*283·5*	+0·7	42	–11
1369	Invercargill	46 25	168 21	3·7	..	..	..	287·1	294·1	11th	277·7	271·9	15th	282·4	..	+0·7	117	+34
1370	Alexandra	45 15	169 24	159	..	..	..	288·0	293·0	19th	275·7	271·6	29th	281·8	281·8	..	5	..
1371	Dunedin	45 52	170 31	6·1	..	1016·3	+4·6	287·2	291·9	17th	277·6	274·7	15th	282·4	..	+0·5	56	–16
1371a	Christchurch	43 32	172 39	7·6	..	1016·3	+4·4	286·8	295·8	20th	278·1	273·3	15th	282·4	..	0·0	36	– 8
1372	Wellington	41 16 S.	174 46 E.	127	1001·4	1016·9	+3·9	286·4	291·3	9th	280·1	275·9	6th	283·2	282·6	–0·7	75	–26

SEPTEMBER - ZONE 14 — BETWEEN LATITUDE 50° S. AND 60° S.

1421	Islota de los Evangelistas	52 24 S.	75 6 W.	55	998·0	1004·7	0·0	280·3	281·5	26th	278·2	276·4	2nd	279·3	*279·6*	+1·8	137	–89
1422	Magallanes	53 10	70 54	8	1003·7	1004·7	–0·3	281·9	287·0	24th	275·3	272·8	2nd,13th	278·6	*278·4*	+1·0	14	–12
1423	Punta Dungeness	52 24	68 26	5	1004·2	1004·8	+0·7	281·2	286·5	12th	274·2	273·0	24th	277·7	277·9	+0·1	17	+ 6
1424	Santa Cruz	50 1	68 31	13	1007·3	1008·9	+1·5	287·2	292·8	21st	275·4	270·2	9th	281·3	281·0	+1·7	4	– 2
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1008·5	+3·4	280·7	285·8	23rd	274·5	271·3	2nd,21st	277·6	..	+0·7	23	–14
1426	Cape Pembroke	51 41	57 42	21·3	1005·2	1007·8	+2·4	280·5	286·3	23rd	274·9	271·9	2nd,3rd	277·7	277·7	+0·8	..	..
1429	S. Georgia (Cumberland Bay)	54 16 S.	36 30 W.	4	1000·2	1000·7	+0·6	277·9	283·0	13th	270·6	261·1	3rd	274·3	*274·0*	+0·8	55	–34

SEPTEMBER - ZONE 15 — BETWEEN LATITUDE 60° S. AND 70° S.

1527	South Orkneys	60 43 ° ′ S.	44 47 ° ′ W.	7 metres	991·4 mb.	992·3 mb.	–1·2 mb.	271·6 °A.	275·4 °A.	10th	262·9 °A.	247·3 °A.	1st	267·2 °A.	267·7 °A.	+1·7 °A.	34 mm.	+ 5 mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

ǂChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE
FOR THE MONTH OF OCTOBER 1933
BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

OCTOBER - ZONE 0

BETWEEN LATITUDE 90° N. AND 80° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	Mean at M.S.L.	Diff. from Normal	TEMPERATURE Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean*	Diff. from Normal	PRECIPITATION Total	Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
047	Calm Bay	80 20	52 48	5·9	1006·8	1007·6	..	..	273·8	..	..	248·2	..	..	*262·6*	..	5	..

OCTOBER - ZONE 1

BETWEEN LATITUDE 80° N. AND 70° N.

101	Wrangel Insel	70 58 N.	178 33 W.	3·0	1013·0	1013·4	+1·5	267·0	273·0	..	260·8	254·3	..	263·9	*264·2*	–0·9	3	– 9
105	Barrow	71 23	156 17	4·6	..	1013·2	+1·6	264·5	271·9	7th	258·4	245·8	20th	261·4	..	–2·6	5	– 10
121	Pond Inlet	72 43	78 30	4·0	..	1011·5	..	267·7	274·1	1st,27th	262·2	254·1	19th,22nd	264·9	*264·9*	+1·4	8	..
125	Upernivik	72 47	56 7	19·2	1009·4	1011·8	+2·8	272·5	279·9	27th	268·0	263·0	19th	270·3	*270·4*	+1·4	27	– 1
131	Myggbukta	73 29	21 34	3·2	..	1015·5	..	..	271·1	29th	258·2	249·5	25th	..	*262·7*	..	19	..
132	Scoresbysund	70 29	21 58	16·9	1012·6	1014·7	+2·6	269·6	273·5	1st	264·7	258·5	24th	267·1	*267·3*	+1·2	..	..
135	Jan Mayen	70 59	W. 8 18	23·1	1004·7	1007·6	+1·1	..	278·2	18th	270·2	266·1	27th	..	*272·6*	+0·2	113	+ 66
139	Svalbard Radio	78 13	E. 15 38	53·0	1002·6	1009·4	+0·5	..	276·6	15th	265·4	258·3	26th	..	*273·6*	+1·2	63	+ 25
140	Bjornoen	74 28	19 17	29·2	1001·2	1004·9	+0·4	..	279·8	20th	271·6	266·8	9th	..	*276·9*	+0·8	98	+ 28
141	Ingoy	71 4	24 9	4·3	1005·8	1006·3	+3·3	..	284·1	21st	275·3	271·7	9th	..	*275·4*	..	59	..
142	Sletnes	71 5	28 14	10·2	1005·8	1007·1	–0·8	..	281·2	20th	273·2	269·2	27th	..	*275·4*	..	59	..
143	Vardö	70 22	31 6	12·1	1006·3	1007·8	+0·2	..	280·6	19th	273·2	269·7	10th	..	*275·3*	+0·7	54	– 10
147	Malye Karmakouly	72 23	52 44	15·3	1004·4	1006·3	–0·7	..	277·7	..	..	263·0	..	..	*270·9*	+1·0	42	+ 15
148	Valgatch	70 24	58 48	11·2	1005·4	1006·8	+0·8	273·8	278·6	..	269·5	261·7	..	271·7	*271·7*	+0·3	19	– 2
149	Russian Harbour	76 14	62 39	9·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
150	Cape of Desire (Zhelanya)	76 57	68 34	8·0	1002·4	1003·4	..	..	278·0	..	..	257·8	..	..	*267·7*	..	11	..
153	Dikson	73 30	80 23	13·0	1001·4	1003·1	–3·8	269·0	273·7	..	264·2	252·0	..	266·6	*266·7*	+0·1	18	+ 6
162	Bulun	70 45	127 47	35	1008·2	1012·8	–0·3	..	276·5	..	..	236·9	..	..	*264·7*	+2·7	..	..
165	Great Liakhov Is. (Cape Shalaurov)	73 11 N.	143 14 E.	7	1009·1	1010·0	..	..	273·1	..	..	248·6	..	..	*263·1*	..	4ǂ	..

OCTOBER - ZONE 2

BETWEEN LATITUDE 70° N. AND 60° N.

201	Cape Otto Schmidt	68 55	179 30	7·0	1014·3	1015·2	..	267·4	275·2	..	260·1	250·1	..	263·7	*264·0*	..	4	..
202	Savoonga	63 43	170 20	5·5	..	..	..	..	..	..	268·6	261·9	14th	..	..	..	7	..
203	Nome	64 30	165 24	6·7	1009·5	1010·1	+5·0	272·7	279·7	2nd	266·3	260·8	28th	269·5	*270·3*	–1·9	11	– 26
204	Bethel	60 45	161 47	11·6	..	1009·5	+7·3	274·5	280·8	11th	266·6	253·0	27th	270·6	..	–1·6	17	– 25
205	Tanana	65 10	152 6	69·5	1004·7	1013·2	+5·9	271·1	280·8	1,2,3	260·9	246·9	20th	266·0	*266·2*	–2·0	13	– 15
206	Rampart	65 30	150 15	114	..	..	..	..	..	..	..	..	..	..	..	..	..	..
206a	Holy Cross	62 16	159 50	15·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
207	Cordova	61 31	145 36	13·1	..	1006·4	+3·4	279·8	283·0	3,4,9	274·4	267·4	23rd	277·1	..	–1·3	464	– 75
208	Fairbanks	64 51	147 39	138	994·2	1012·5	..	270·7	281·3	2nd	262·2	249·1	20th	266·4	*267·7*	–3·4	27	+ 5
209	Dawson	64 4	139 29	324	974·1	1015·3	..	266·4	274·1	1st,2nd	261·3	249·7	22nd,23rd	263·9	*264·0*	..	15	..
210	Aklavik	68 14	134 50	7·6	1013·7	1014·7	..	269·0	279·1	2nd	260·8	236·9	22nd	264·9	*265·3*	–2·0	10	– 17
211	Fort Good Hope	66 15	128 38	65·2	1008·4	1016·9	..	273·8	283·0	6th	266·7	249·7	23rd	270·3	*270·3*	–0·8	11	– 23
212	Fort Simpson	61 52	121 15	126	999·6	1015·7	..	273·8	293·0	6th	266·7	249·7	23rd	270·3	*270·3*	–0·8	11	– 23
213	Hay River	60 51	115 57	161	995·8	1016·2	..	274·6	293·6	6th	267·3	248·6	25th	270·9	*270·9*	–2·2	66	+ 43
214	Coppermine	67 49	115 10	4·6	1018·1	1018·7	..	266·2	279·1	6th	260·7	248·0	26th	263·5	*263·7*	..	57	..
218	Chesterfield	63 45	91 50	4·0	1013·5	1014·0	..	266·3	276·9	7th,8th	261·4	249·7	24th	263·9	*263·9*	–4·5	7	..
221	Nottingham Island	63 7	77 56	16·5	1007·1	1009·2	..	271·3	275·8	3,4,8	267·6	261·3	30th	269·4	*269·3*	..	26	..
223	Hope's Advance	61 5	69 33	73·2	1003·4	1012·6	..	..	..	..	..	..	..	..	‡*273·7*	..	..	..
224	Resolution Island	61 18	64 53	38·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
225	Jacobshavn	69 13	51 2	31·6	?1005·9	1009·9	+2·3	..	..	..	?267·2	?261·9	31st	..	?*270·1*	+0·8	..	..
226	Godthaab	64 10	51 43	20	..	..	..	..	275·5	282·8	26th,27th	269·6	265·1	21st	272·5	*273·0*	+0·8	77	+ 14
227	Ivigtut	61 12	48 10	30·0	1011·0	1014·8	+9·4	277·6	284·0	26th	271·7	267·2	9th	274·7	*274·7*	+0·7	295	+146
229	Angmagsalik	65 36	37 33	29·3	1010·3	1014·0	+7·2	274·5	285·6	3rd	269·6	264·1	24th	272·1	*271·7*	–0·1	47	– 80
231	Stykkisholm	65 5	22 46	25	..	1010·3	+5·2	278·9	286·5	2nd	274·2	267·9	28th	276·5	*276·2*	0·0	120	+ 43
232	Vestmanno	63 24	20 17	122	..	1009·2	+4·1	279·4	283·4	2nd,3rd	274·5	267·0	16th	276·9	*277·5*	–0·2	186	+ 39
233	Grimsey	66 33	18 1	22	..	1010·0	+2·6	276·9	282·8	2nd	272·5	267·3	25th	274·7	*274·4*	–1·3	55	+ 20
233a	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	66	..
234	Teigarhorn	64 41	14 22	18	..	1009·1	+2·8	280·2	289·2	3rd	274·0	267·9	17th	277·1	*276·5*	0·0	112	– 14
235	Höjvig	62 3	6 45	22·9	1006·4	1009·2	+1·6	282·6	285·8	18th	277·9	268·7	27th	280·3	*280·4*	+0·8	141	– 14
236	Lerwick	60 9	W. 1 8	48·8	..	1009·5	+1·2	283·4	285·8	6,9,10	280·0	274·1	27th	281·7	*281·8*	+1·0	103	+ 2
237	Bergen, Fredriksberg	60 24	E. 5 19	44·4	1004·9	1010·3	+0·1	284·3	288·5	21st	278·7	273·1	31st	281·5	*281·4*	+0·9	149	– 56
238	Ona	63 26	6 33	14·6	1007·7	1009·5	–0·1	..	287·0	10th	280·2	275·2	26th	..	*282·0*	+1·0	104	– 51
239	Trondheim	63 26	10 25	**63·8	‡1003·0	1010·3	–0·2	280·6	285·6	16th	275·3	270·8	26th	277·9	*278·2*	+0·5	129	+ 41
240	Bodo	67 17	14 26	17·0	1005·2	1007·3	–1·5	..	283·8	11th	275·8	272·3	9th	..	*278·0*	+0·6	150	+ 48
241	Haparanda	65 50	24 9	9·2	1009·9	1011·0	–0·4	277·7	282·8	1st	273·0	264·0	9th	275·3	*275·5*	+1·1	79	+ 23
242	Helsingfors	60 10	24 57	11·7	1013·2	1014·6	+0·2	281·2	286·2	11th	276·8	271·7	9th	279·0	*279·2*	+0·8	59	– 7
242a	Kuopio	62 55 N.	27 40 E.	233	985·0	1013·8	+1·2	277·8	284·8	12th	273·8	269·0	9th	275·8	*275·7*	–0·5	54	+ 3

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

**Height changed from 59·2 m. to 63·8 m. from October 19th.

‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

OCTOBER - ZONE 2 cont. TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 70° N. AND 60° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
243	Kola	68 53	33 1	6·7	1008·3	1009·2	+0·1	275·8	281·5	17th	271·4	266·4	8th	273·6	27*3·8	+1·3	31	+ 4
244	Petrozavodsk	61 47	34 23	79·0	..	..	..	279·8	285·9	12th	275·1	267·3	10th	277·4	277·1	+1·0	51	+ 6
245	Arkhangelsk	64 34	40 31	6·3	1012·4	1013·2	+0·9	278·0	284·2	12th	274·6	271·4	10th	276·3	276·0	+1·8	63	+23
246	Mezen	65 50	44 16	17·4	1009·8	1011·9	+1·0	277·1	282·1	1st	272·9	266·9	8th	275·0	274·9	+2·7	66	+32
247	Oust-Tsylma	65 25	52 18	73·8	1003·2	1012·5	+0·4	276·5	282·9	13th	272·3	267·1	8th	274·4	274·3	+2·8	72	+35
248	Tcherdyn	60 24	56 31	208	993·8	1019·7	+3·9	276·9	286·4	3rd	272·3	267·6	24th	274·6	274·4	+1·6	33	−21
249	Berezov	63 56	65 4	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249a	Yugor Strait	69 49	60 45	13·0	1005·6	1007·2	+1·2	273·2	278·3	..	268·3	260·4	..	270·7	271·2	+0·5	40	+18
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	..	..	..	..	..	..	..	..	..	..	..	..	..	..
253	Doudinka	69 23	86 4	?20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Viliouisk	63 45	121 35	120	1003·5	1018·9	..	273·0	283·4	4th	264·2	243·8	31st	268·6	268·9	+4·0	8	− 9
262	Iakoutsk	62 1	129 43	108	1006·3	1019·9	+3·8	273·1	281·9	14th	264·5	248·9	30th	268·8	268·6	+3·5	2	−16
263	Verkhoiansk	67 33	133 24	100	995·5	1008·5	−3·7	268·9	285·2	1st	257·6	240·1	19th	263·2	263·2	+4·8	3	− 4
264	Petropavlovskoe	60 25	134 28	?163	997·5	1018·6	..	273·7	284·1	2nd	264·3	251·2	20th	269·0	268·7	..	14	..
268	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45	177 33	17·2	..	..	..	272·2	275·8	9th	266·6	256·0	31st	269·4	269·9	+1·7	10	− 5
		N.	E.															

OCTOBER - ZONE 3 BETWEEN LATITUDE 60° N. AND 50° N.

		N.	W.															
302	St. Paul Island	57 15	170 10	5·8	..	1007·1	+3·9	278·8	281·9	17th	275·0	271·3	25th,26th	276·9	..	+0·1	28	−62
303	Dutch Harbor	53 55	166 30	4·0	1005·4	1005·7	+3·1	280·3	285·2	9th,10th	275·8	271·9	25th	278·0	278·2	−0·4	267	+65
305	Dillingham	59 0	158 28	24·4	..	..	..	278·3	284·1	3rd	269·0	259·1	24th	273·7	..	−1·6	13	−64
306	Kodiak	57 48	152 22	4·6	1005·1	1005·7	+5·9	280·2	283·0	3,12,19	274·2	268·0	24th	277·2	277·7	−1·9	79	−90
309	Sitka	57 3	135 19	4·6	..	..	..	282·3	287·4	2nd,3rd	275·0	264·1	21,22,23	278·7	..	−2·0	395	+86
310	Prince Rupert	54 18	130 18	51·8	1006·8	1013·2	+1·2	282·5	288·0	3rd	276·7	269·1	23rd	279·6	279·8	−1·8	351	+34
311	Prince George	53 50	122 48	570	947·2	1015·9	..	281·9	298·6	6th	270·4	260·2	23rd	276·2	276·3	−1·7	77	+31
312	Kamloops	50 41	120 20	385	972·2	1018·5	−1·4	285·6	295·8	4th,6th	275·9	270·8	19,22,23	280·7	280·9	−0·9	61	+46
313	Calgary	51 2	114 2	1079	888·8	1014·6	+0·6	281·2	302·4	7th	269·9	258·0	19th	275·6	275·3	−2·8	33	+16
314	Fort Smith	60 0	111 52	207	990·4	1016·6	..	275·0	294·1	6th	266·2	253·0	30th	270·6	270·4	−1·5	24	+ 2
315	Prince Albert	53 10	105 45	436	963·6	1017·2	+2·1	280·9	295·8	7th	269·8	259·1	24th	275·4	274·8	−1·2	25	+ 4
316	Qu'Appelle	50 31	103 56	654	937·7	1016·4	+0·9	280·6	298·0	4th	269·4	259·1	27th	275·0	274·1	−2·4	21	− 6
317	Minnedosa	50 15	99 50	515	954·5	1017·6	+2·4	279·9	294·1	8th	268·0	258·0	27th	273·9	273·3	−3·1	55	+29
318	Berens River	52 18	97 2	219	..	..	..	277·9	286·3	14th	270·3	264·1	26th	274·1	..	−3·4	71	+38
318a	Churchill	58 46	94 13	13·1	1015·9	1017·6	..	272·1	280·8	8th	266·1	252·4	28th	269·1	268·9	..	24	..
319	Pagwa	50 3	85 18	189	..	..	..	283·6	293·6	1st	271·2	252·4	26th	277·4	..	+1·6	..	..
320	Moose Factory	51 14	80 30	8·8	..	..	..	279·9	290·8	15th,16th	271·6	256·3	29th	275·7	275·1	−1·4	..	..
320a	Moosonee	51 13	80 31	8·8	..	1015·2	..	279·4	289·7	15th	271·3	256·3	26th	275·3	274·7	..	114	..
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 30	73 55	383	..	..	..	281·5	..	..	271·2	..	..	276·3	..	+0·5	..	..
323	Fort Chimo	58 10	68 10	15·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
324	Natashkwan	50 14	61 48	6·1	..	..	..	282·3	287·4	5th	272·7	265·8	27th	277·5	..	+0·5	173	+74
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	..	..	..	..	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1013·0	1014·7	+2·7	286·9	290·2	2nd	282·5	276·7	27th	284·7	284·9	+1·0	81	−68
335	Aberdeen	57 10	W. 2 6	26·0	1007·7	1010·9	+0·7	284·8	290·9	4th	280·1	273·9	27th	282·5	282·6	+1·2	119	+42
336	Greenwich	51 29	0 0	46·3	..	1012·7	−0·9	287·6	294·1	6th	280·1	272·4	28th	283·8	283·8	+0·9	38	−26
337	Uccle	50 48	E. 4 22	100	1000·9	1013·0	−1·5	288·2	296·9	1st	279·7	272·9	30th	283·9	283·1	+0·7	96	+23
338	De Bilt	52 6	5 11	3·0	1011·7	1012·1	−1·8	287·1	293·0	11th	279·8	270·2	30th	283·5	282·9	+0·3	62	−11
338a	Hamburg	53 33	9 58	40·3	1008·3	1013·2	−1·5	285·9	294·2	11th	280·6	276·5	27th	283·3	282·8	+0·7	63	− 3
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1011·6	1012·2	−1·2	285·6	291·1	11th	280·2	275·0	4th	282·9	282·8	+1·9	102	+45
340	Potsdam	52 23	13 4	84·9	1003·9	1014·3	−1·2	286·5	298·0	1st	278·2	273·8	18th	282·3	282·1	+0·7	60	+15
340a	Uppsala	59 51	17 38	24	1009·6	1012·5	−0·6	282·8	291·4	11th	276·3	271·5	9th	279·6	279·7	+1·5	45	− 7
341	Warsaw	52 13	21 3	88·3	1005·8	1016·4	−2·0	285·6	293·4	2nd	277·8	272·3	25th	281·7	281·5	−0·4	18	−26
342	Tartu	58 23	26 43	80·8	1005·6	1015·6	+0·2	281·4	289·6	11th	275·9	270·7	26th	278·7	278·6	+0·7	34	−11
343	Leningrad	59 56	30 16	8·6	1014·7	1015·7	+0·5	280·5	287·8	12th	285·7	269·7	26th	278·1	277·9	+0·2	36	− 9
344	Moscow	55 50	37 33	167·2	1000·4	1021·1	+1·9	280·5	287·5	2nd	275·3	270·1	26th	277·9	277·7	+1·0	35	− 9
345	Saratov	51 34	46 0	135	1008·8	1025·6	+4·7	283·3	289·5	2nd	273·4	267·8	11th	278·4	277·8	+0·3	19	..
346	Kazan	55 47	49 8	82·4	1014·6	1024·9	+4·9	280·8	290·5	3rd	273·5	269·2	11th	277·2	277·3	+0·9	21	−18
347	Orenburg	51 45	55 6	109	1015·0	1028·7	+6·1	282·8	290·8	3rd	271·2	266·0	28th	277·0	276·3	−1·1	29	− 1
348	Perm	58 1	56 16	159	1002·4	1022·4	+4·6	278·7	288·0	1st	273·3	269·1	11th	276·0	275·7	+1·6	37	−10
349	Sverdlovsk	56 50	60 38	281	988·4	1023·3	+5·6	279·3	288·7	4th	272·6	268·2	17th	276·0	275·6	+2·2	11	−13
350	Tobolsk	58 12	68 14	108	1008·4	1021·0	+4·4	279·5	290·0	5th	271·4	261·4	24th	275·4	274·8	+1·6	17	−16
351	Akmolinsk	51 12	71 23	347	983·6	1027·5	+3·9	281·1	292·6	8th	268·3	260·7	31st	274·7	274·1	−0·8	7	−20
352	Omsk	55 1	73 19	108	1010·2	1023·4	+4·0	280·2	291·4	8th	270·8	261·9	19th	275·5	275·2	+0·6	11	−13
353	Barnaoul	53 20	83 47	158	1007·1	1027·0	+4·4	278·9	292·1	9th	269·2	257·4	31st	274·0	273·6	−0·8	30	− 4
354	Tomsk	56 30	84 58	123	1008·0	1023·5	+3·6	276·9	290·1	9th	269·6	254·5	30th	273·2	272·9	0·0	25	−30
355	Minousinsk	53 43	91 41	249	996·6	1028·0	+4·6	277·8	287·1	10th	267·2	255·8	31st	272·5	271·9	−2·4	16	− 5
356	Eniseisk	58 27	92 10	78	1013·1	1023·1	+4·6	277·1	286·7	10th	268·8	257·1	30th	273·0	272·5	+0·8	27	−12
357	Irkutsk	52 16	104 19	467	969·1	1027·2	+4·2	278·7	288·6	17th	266·5	257·9	31st	272·6	272·0	-0·9	13	− 5
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	665	942·6	1023·6	+3·3	279·5	288·8	1st	267·3	260·2	27th	273·4	272·5	+1·0	22	+ 9
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics.

‡See Table of Authorities, Remarks, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N. OCTOBER - ZONE 3 cont.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
361	Tygan Ourkan	54 5	124 46	379	974·2	1021·3	+3·2	280·9	288·0	10th	266·1	258·4	26th	273·5	27*2·8	+3·8	3	− 7
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	1001·0	1018·6	+1·5	283·5	290·8	20th	271·7	262·7	30th	277·6	276·9	+2·3	19	0
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	275·7	..	20	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1009·5	1014·8	+3·0	281·2	288·0	14th	271·7	263·4	22nd	276·4	276·2	+1·3	55	+ 4
366	Okhotsk	59 21	143 17	5·5	1012·7	1013·4	+1·6	277·9	282·9	2nd	269·6	263·1	28th	273·8	273·6	+3·3	1	−23
368	Petropavlovsk (Phare)	52 53	158 43	87·1	997·1	1007·8	−0·9	280·4	284·2	15th	274·6	271·8	31st	277·5	277·6	+0·8	53	−45
369	Kluchevskoye	56 21	160 48	23·5	1006·6	1009·5	..	..	..	..	271·8	264·7	25th	..	275·5	..	73	..
370	Nikolskoe	55 12	165 59	6·8	1006·3	1007·1	..	..	..	..	273·7	268·4	14th	..	277·3	..	68	..
		N.	E.															

BETWEEN LATITUDE 50° N. AND 40° N. OCTOBER - ZONE 4

		N.	W.															
411	Victoria, B.C.	48 24	123 19	69·5	1007·6	1016·1	−0·7	286·9	295·2	3rd	280·8	277·4	15th	283·8	283·4	+0·6	126	+61
412	Portland, Oregon	45 32	122 41	46·6	1011·8	1017·3	−1·0	291·5	300·2	3rd	282·4	276·3	21st	287·0	286·6	+2·0	117	+34
413	Macleod	49 44	113 24	953	..	..	..	284·5	299·7	8th	272·7	258·6	19th	278·6	278·3	−1·5	64	+47
414	Helena	46 34	112 4	1257	874·0	1016·2	−0·8	288·3	298·0	8th	276·4	268·6	24th	282·3	282·1	+2·2	26	+ 4
414a	Salt Lake City	40 46	111 54	1328	869·6	1016·6	+0·6	295·1	299·1	4th	280·7	273·6	31st	287·9	288·5	+3·6	17	−22
415	Cheyenne	41 8	104 48	1857	814·7	1015·9	+0·6	291·4	296·3	30th	275·7	268·6	16th	283·6	284·1	+3·4	0	−21
416	North Platte	41 8	100 45	860	918·0	1017·3	+0·1	293·9	301·9	14th	276·7	271·3	9th	285·3	284·9	+2·2	0	−27
416a	Bismarck	46 47	100 48	510	955·6	1016·9	+0·1	286·6	298·6	13th	272·2	264·7	12th	279·4	279·4	−0·6	11	−13
417	Winnipeg	49 53	97 7	232	987·8	1016·6	..	280·4	295·8	14th	270·4	263·0	27th	275·4	274·9	−2·4	17	−18
418	Duluth	46 47	92 6	345	973·9	1015·9	0·0	282·4	295·2	14th	273·2	260·8	27th	277·8	277·4	−1·7	87	+25
419	Port Arthur	48 27	89 12	196	991·4	1015·6	+0·1	281·1	286·9	8th	273·4	259·7	28th	277·3	276·8	−1·0	60	− 1
420	Chicago	41 47	87 35	205	994·2	1018·6	+1·4	288·8	298·6	31st	280·3	273·0	25th	284·6	284·2	−1·1	92	+27
421	Toronto	43 40	79 24	116	1004·7	1018·9	+1·1	285·9	294·1	1st	277·6	268·6	26th	281·8	281·4	−0·4	57	− 8
422	New York (Central Park)	40 47	73 58	47·4	1014·2	1019·9	+1·8	291·2	298·6	1st	281·6	273·0	26th,29th	286·4	286·3	−0·1	64	−31
423	St. John, N.B.	45 17	66 4	36·3	1013·2	1017·6	..	285·6	291·9	2nd	278·1	270·2	26th	281·9	281·5	+0·7	201	+86
424	S.W. Point, Anticosti	49 24	63 33	9·1	1015·1	1016·2	..	280·9	285·2	1st	275·0	269·1	27th	277·9	278·2	+0·5	179	+89
424a	Sable Island (Main Station)	43 57	60 6	7·6	1016·9	1017·8	..	288·6	293·6	7th	283·1	275·8	26th	285·8	285·7	+1·5	103	−23
426	St. John's, Newfoundland	47 34	52 42	74·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
435	Madrid	40 24	3 41	667	939·4	1016·2	−1·2	292·1	300·1	4th	282·2	274·4	29th	287·1	285·8	+0·8	60	+14
436	Nantes	47 15	W. 1 34	36·5	1009·0	1013·3	−2·1	289·9	297·4	10th	282·0	273·8	18th	286·0	285·5	+1·4	65	−31
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1009·0	1014·1	−1·8	289·2	297·1	1st	280·8	274·7	29th	285·0	284·7	+1·7	56	+ 1
438	Marseille	43 18	5 23	75	..	1014·4	−0·3	293·7	300·8	1st	285·0	276·0	28th	289·4	288·7	+0·9	66	−32
438a	Zürich	47 23	8 33	493	957·7	1016·0	−1·4	288·2	299·7	2nd	279·8	273·4	29th	284·0	283·0	+1·4	110	+19
439	Rome	41 54	12 29	45·5	1010·4	1015·8	0·0	295·7	299·7	6th	286·8	279·0	20th	291·2	291·0	+1·4	116	−12
440	Vienna	48 15	16 22	203	992·2	1016·8	−0·7	286·3	294·2	2nd	279·0	273·2	28,30,31	282·6	282·6	−0·4	71	+24
440a	Budapest	47 31	19 1	130	1000·7	1016·5	−1·4	289·3	299·4	2nd	280·1	273·8	28th	284·7	284·0	+0·2	90	+31
441	Sofia	42 42	23 20	550	953·2	1017·6	−1·1	290·0	297·8	29th	281·1	273·3	24th	285·5	285·3	+1·1	25	−33
442	Bucharest	44 25	26 6	82	1008·2	1018·1	−0·9	291·6	300·4	10th	280·4	273·0	25th	286·0	285·4	+0·8	21	−22
443	Odessa (Observatory)	46 26	30 46	42·8	..	..	..	287·3	292·4	10th	281·9	274·7	5th	284·6	284·4	+0·3	47	+16
444	Novorossiisk	44 44	37 49	37·1	1014·0	1018·5	−0·3	291·3	295·8	15th	284·2	278·0	23rd	287·8	287·8	+0·4	100	+52
445	Tiflis	41 43	44 48	404	972·8	1020·2	−0·9	292·5	296·8	14th	283·3	278·0	11th	287·9	287·3	+0·8	28	− 9
446	Astrakhan	46 21	48 2	−20	1025·9	1023·5	+0·5	288·4	294·5	4th	277·9	270·5	22nd	283·2	282·8	+0·1	2	− 9
447	Fort Alexandrovsk	44 31	50 7	−23·0	1025·0	1022·2	+0·6	290·4	295·7	6th	282·9	278·8	24th	286·6	286·4	+1·6	5	− 8
448	Krasnovodsk	40 0	52 59	− 7·4	1020·8	1019·9	+0·6	294·3	303·6	3rd	286·6	282·1	31st	290·4	290·2	+0·2	14	+ 5
449	Kasalinsk	45 46	62 7	66·7	1017·6	1025·9	+3·4	287·3	297·0	8th	272·2	265·2	26th	279·8	279·2	−1·2	0	− 9
450	Tashkent	41 20	69 18	479	964·2	1020·6	−1·5	293·5	302·4	5th	277·9	270·2	13th	285·7	285·0	0·0	4	−23
451	Andijan	40 44	72 20	496	962·0	1020·2	..	294·3	301·8	3rd	278·4	270·7	27th	286·4	286·0	..	9	..
452	Alma Ata	43 16	76 55	848	925·2	1024·4	+1·6	287·1	295·5	8th	275·6	267·8	20th	281·4	280·9	..	29	−19
459	Peiping	40 0	116 22	84·5	1014·6	1024·9	..	291·8	299·9	1st	278·2	269·0	25th	285·0	284·5	..	3	..
461	Fengtien (Moukden)	41 47	123 24	44·3	1015·3	1020·8	+1·6	289·5	296·3	4th	276·8	269·2	30th	283·1	282·3	+0·3	81	+42
462	Joshin	42 20	130 24	63·8	1011·4	1019·2	+1·6	287·4	293·9	17th	279·0	273·0	27th	283·2	283·2	+0·3	43	−31
463	Yuki	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
464	Vladivostok	47 20	142 47	27·4	1010·8	1014·2	+0·2	284·8	290·9	14th	274·3	270·0	27th	279·5	279·2	0·0	181	+82
465	Ochiai	43 20	145 35	26·7	1011·5	1014·8	−0·9	286·4	290·8	1st	279·8	273·0	28th	283·1	283·2	−0·2	161	+64
466	Nemuro	45 14	147 53	39·3	1009·4	1014·2	−1·0	284·5	289·4	2nd	277·2	271·1	14th	280·9	281·0	−0·8	150	+40
466a	Syana	N.	E.															

BETWEEN LATITUDE 40° N. AND 30° N. OCTOBER - ZONE 5 (AMERICA)

		N.	W.															
511	San Francisco	37 48	122 26	47·2	1009·5	1015·2	−1·3	294·3	306·3	5th	285·4	283·0	14th	289·9	288·5	+2·0	38	+14
512	Sacramento	38 35	121 30	20·1	1011·5	1013·9	−1·3	301·2	311·3	4th	285·3	281·3	21st	293·2	293·7	+3·0	17	− 3
513	San Diego	32 43	117 10	26·5	1010·8	1014·2	−0·4	292·8	299·1	17th	286·9	283·6	17th	289·9	289·5	−0·4	4	− 5
514	Modena	37 48	113 54	1668	835·7	1015·6	+0·9	295·0	298·6	24th	276·7	271·3	17th	285·9	285·7	+3·8	16	− 5
515	Santa Fé	35 41	105 57	2138	790·7	1016·6	+1·9	291·9	295·2	24th	278·2	275·2	27th	285·1	284·5	+2·2	29	+ 1
516	Denver	39 45	105 0	1613	839·1	1015·9	+0·4	294·9	299·7	29th	279·3	272·4	22nd	287·1	287·7	+3·8	0	−25
517	Abilene	32 23	99 40	530	955·6	1016·2	−0·4	301·6	306·9	21st	287·8	282·4	17th	294·7	293·4	+3·5	10	−53
518	Saint Louis	38 38	90 12	173	998·3	1018·9	+0·7	292·4	300·8	31st	281·9	274·1	25th	287·1	287·2	−0·5	75	+ 3
519	Mobile	30 41	88 2	17·4	1014·5	1016·6	−0·8	299·4	306·3	1st	289·3	280·8	26th	294·3	293·9	+1·5	68	−21
520	Nashville	36 10	86 47	166	1000·3	1020·3	+0·9	294·8	300·8	21st	282·9	275·2	26th	288·9	289·1	+0·1	31	−30
521	Charleston	32 47	79 56	14·6	1016·2	1017·9	−0·1	297·1	301·9	2nd	289·6	282·4	26th	293·3	293·7	+0·9	71	−20
522	Washington	38 54	77 3	34·1	1016·2	1020·3	+1·4	292·4	303·0	1st	280·8	272·4	26th	286·6	286·2	−0·2	65	− 8
524	Bermuda	32 22	64 40	48·2	..	1015·3	..	300·2	303·0	10th	294·7	291·3	23rd	297·4	297·0	+1·1	121	−27
		°N.	°W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics.

‡Change of normals, see Table of Authorities, pages 105-15.

OCTOBER - ZONE 5 (EUROPE, AFRICA, ASIA)

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	Mean at M.S.L.	Diff. from Normal	TEMPERATURE Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean*	Diff. from Normal	PRECIPITATION Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 8	40	1012·4	1017·9	−1·6	294·1	299·5	1st	290·2	286·9	25th	292·2	292·2	0·0	127	− 9
531	Horta	38 32	28 38	65	1008·2	1016·0	−3·2	294·7	299·7	1st	289·5	287·3	26th	292·1	292·1	0·0	153	+ 40
532	Ponta Delgada	37 44	25 40	22	1012·8	1015·4	−2·9	294·7	296·3	10th	289·6	288·0	29th	292·1	292·2	+0·4	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	396	+280
533	Madeira (Funchal)	32 38	16 55	25	1013·0	1015·9	−2·2	296·7	298·6	1st	289·5	283·0	5th	293·1	*293·6*	+0·4	143	+ 42
535	Lisbon	38 43	9 9	95	1004·6	1015·9	−0·8	292·9	297·2	15th	287·0	282·2	29th	289·9	289·5	−0·3	150	+ 67
536	Gibraltar	36 6	5 21	27·4	..	1015·9	−1·4	295·6	300·8	12th	288·7	281·9	30th	292·2	*291·9*	+0·1	125	+ 42
536a	Colomb-Béchar	31 37	W. 2 13	769	927·2	1012·3	−3·1	302·4	307·0	11th	290·1	284·0	26th	296·3	*295·7*	+3·3	11	− 5
537	Palma	39 34	E. 2 39	23	1012·2	1014·9	−2·1	298·2	304·4	7th	286·6	279·4	30th	292·4	*291·1*	+0·5	18	− 61
538	Algiers	36 46	3 13	59	1008·8	1015·6	−0·7	299·2	310·6	8th	292·8	286·1	31st	296·0	295·6	+2·9	2	− 89
538a	Gadames	30 8	9 30	361	..	..	..	310·2	316·2	22nd	288·7	284·5	2nd	299·5	..	+3·2	0	− 2
539	Tunis	36 48	10 10	66	1008·5	1016·2	−0·1	301·0	309·1	22nd	289·9	285·0	31st	295·4	*294·9*	+2·4	4	− 43
540	Malta	35 54	14 31	71·2	..	1017·3	+1·7	298·4	301·9	4th	292·3	289·1	17,20,31	295·4	*294·5*	+0·8	7	− 66
541	Athens	37 58	23 43	107	1004·8	1017·4	+0·5	296·9	301·0	1st	288·7	284·2	4th	292·8	292·3	+0·4	37	− 5
542	Alexandria	31 12	29 53	32	1014·3	1018·0	+2·0	300·3	302·3	20,29,30	291·7	289·3	26th	296·0	295·5	−0·9	0	− 5
543	Ankara	39 58	32 48	861	919·6	1018·4	−0·3	293·1	300·8	14th	276·6	270·1	25th	284·9	*284·9*	..	2	..
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1015·6	+0·8	300·5	304·1	31st	286·3	281·9	20th,25th	293·4	..	−0·7	1	− 20
544	Beirut	33 54	35 28	33·7	..	1015·8	+0·5	299·2	301·3	10th	292·4	289·4	25th	295·8	*295·6*	−1·0	70	+ 21
545	Hinaidi	33 17	44 29	32·9	1009·3	1013·1	−0·3	306·6	314·1	2nd	288·8	284·1	27th,28th	297·7	*298·1*	+0·3	0	− 3
546	Lenkoran	38 46	48 51	− 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	Tehran	35 41	51 25	1220	..	..	..	298·2	305·2	1st,2nd	284·6	278·6	27th,28th	291·4	*291·4*	+0·4	0	− 8
548	Meshed	36 17	59 36	946	..	..	..	296·3	306·9	1st	..	..	..	..	..	..	4	− 6
549	Seistan	31 2	61 30	2610	958·3	..	..	302·2	309·1	4th,5th	284·6	277·4	22,23,24	293·4	..	−0·1	0	− 2
550	Quetta	30 10	67 1	1647	837·2	..	−1·2	297·8	302·4	5 days	277·2	271·3	23rd,25th	287·5	*287·5*	+0·6	0	− 3
551	Peshawar	34 1	71 35	355	971·7	1012·2	−0·9	304·7	309·1	1,3,4	289·3	284·1	28th	297·0	*296·2*	+1·2	2	− 2
551a	Lahore	31 35	74 20	214	986·4	1010·8	−0·5	306·4	309·7	5 days	290·1	284·1	31st	298·2	*297·3*	+0·1	0	− 6
552	Simla	31 6	77 10	2202	783·2	..	−0·5	290·4	293·0	1st	283·2	278·6	13th	286·8	*286·8*	−0·4	59	+ 32
552a	Leh	34 9	77 34	3503	669·0	..	−0·1	287·6	293·6	1st,3rd	272·9	268·0	27th	280·2	*279·3*	+0·2	5	+ 1
558	Sian	34 31	109 5	365	980·5	1023·7	..	289·9	296·5	2nd	285·0	277·0	25th	287·4	287·3	..	45	..
559	Hankow	30 35	114 17	39·1	1017·6	1022·3	+1·9	293·0	297·3	15th	286·4	281·0	25th	289·7	289·7	−1·6	184	+ 99
560	Tientsin	39 9	117 9	6·4	1021·5	1022·2	+1·8	293·4	302·8	2nd	281·3	273·5	25th	287·4	287·0	0·0	5	− 11
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1019·3	1020·1	+0·8	296·1	301·4	5th	286·9	280·0	26th	291·5	290·6	+0·3	57	− 15
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1011·8	1020·3	+1·3	291·8	297·6	4th	282·9	276·4	30th	287·3	286·9	−0·4	23	− 18
562a	Nagasaki	32 44	129 52	133	1001·8	1017·6	+0·8	294·3	300·3	4th	287·1	281·5	27th	290·7	288·4	−2·6	206	+ 89
563	Kyoto	35 1	135 44	42·9	1012·3	1017·5	+1·0	294·8	300·5	5th	284·1	276·0	28th	289·5	288·8	+0·1	156	+ 23
564	Tokyo	35 41	139 46	5·8	1015·6	1016·3	−0·5	294·5	299·4	1st	285·7	278·9	28th	290·1	289·8	+1·0	302	+115
565	Hukusima	37 45	140 28	68·5	1008·9	1017·2	+0·2	292·3	296·6	5th	281·9	273·7	28th,31st	287·1	286·5	−0·2	192	+ 68
566	Miyako	39 38	141 59	30·4	1012·5	1016·2	−0·5	292·1	296·7	1st	280·8	272·7	31st	286·5	285·3	−0·3	160	− 10
		N.	E.															

OCTOBER - ZONE 6 (AMERICA, AFRICA)

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	Mean at M.S.L.	Diff. from Normal	TEMPERATURE Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean*	Diff. from Normal	PRECIPITATION Total	Diff. from Normal
		N.	W.															
601	Midway Island	28 13	177 22	5·8	1016·3	1017·1	..	301·3	302·4	1st	..	..	..	..	..	..	31	− 69
605	Honolulu	21 19	157 52	11·6	1015·2	1016·6	+0·5	300·0	301·9	25th	294·5	291·9	10th	297·2	297·2	−0·7	2	− 48
613	Guaymas	27 55	110 53	8·3	1010·7	1011·6	+0·6	306·0	312·2	2nd	296·2	292·5	26th	301·1	*300·0*	+0·7	25	+ 13
614	La Paz, Mexico	24 10	110 18	18	1008·1	1010·2	..	303·7	305·0	Sev.dates	291·8	289·0	31st	297·7	*296·9*	..	0	..
615	Leon	21 7	101 41	1809	820·3	1009·9	−1·7	298·6	301·5	27th	284·0	279·4	25th	291·3	290·2	−0·8	60	+ 24
616	Monterry	25 40	100 18	528	954·8	1014·2	−0·1	299·9	304·4	16th	291·8	289·0	31st	295·9	295·2	+0·7	177	+105
617	Tulancingo	20 5	98 22	2151	790·9	..	+0·5	294·0	299·8	15th	281·1	274·8	25th	287·5	*286·8*	−0·7	59	− 4
618	Galveston	29 18	94 50	16·5	1014·2	1016·2	−0·9	299·7	304·1	7th	294·7	289·1	26th	297·2	297·0	+1·9	122	+ 4
618a	New Orleans	29 57	90 4	16·2	1014·5	1016·6	−0·3	300·0	305·2	2nd	292·0	283·6	26th	296·0	*295·4*	+1·4	16	− 72
619	Merida, Yucatan	20 58	89 38	22	1010·1	1012·6	−0·9	302·8	304·2	Sev.dates	295·5	293·4	9th	299·1	*298·3*	+0·4	15	− 75
620	Havana	23 7	82 25	77·0	1001·2	1010·0	−3·4	301·8	304·2	22nd	295·7	292·0	4th	298·7	298·7	+0·2	179	+ 12
620a	Key West	24 33	81 48	6·7	1010·8	1011·5	−2·3	301·8	304·1	17th	296·3	293·6	31st	299·1	*299·1*	+0·1	598	+456
621	Nassau, Bahamas	25 5	77 20	5·4	..	1012·5	−1·6	303·9	304·7	8th	296·9	294·7	24th	300·4	*300·4*	+0·9	128	− 33
622	San Salvador (Watling Island)	24 6	74 26	33·5	1007·3	1011·1	−3·2	..	302·4	6th	..	296·9	4,9,31	..	*299·8*	−0·7	..	..
633	Port Etienne	20 56	17 3	4	1012·8	1013·3	..	..	..	..	..	..	..	..	‡293·9	..	0	0
634	La Laguna	28 28	16 20	547	951·3	1013·5	−3·0	295·5	299·8	12th	284·1	280·6	24th	289·8	*291·2*	−1·9	20	− 35
634m	Izana	28 19	16 30	2367	769·2	..	−0·4	286·8	291·4	8th	280·1	273·7	23rd	283·5	283·2	+0·7	0	− 42
636	Adrar	27 52	W. 0 17	285	982·5	1014·4	..	308·0	312·4	1st	291·9	287·6	16th	299·9	*301·0*	..	1	..
638	Tamanrasset (Fort Laperrine)	22 47	E. 5 31	1350	867·2	1011·2	+2·4	300·8	304·1	2nd	286·5	283·0	31st	293·7	294·1	−2·0	1	0
639	Gat	24 58	10 11	566	..	..	..	306·6	310·8	4th	?291·1	?286·0	7th,8th	?298·9	..	..	0	..
640	Hon	29 8	15 56	207	..	..	..	304·1	306·8	6th	285·8	281·2	31st	294·9	296·5	..	6	..
641	Giarabub	29 44	24 31	15	..	..	..	302·7	306·8	30th	288·7	286·3	25th	295·7	..	..	0	..
642	Siwa	29 12	25 29	− 15	1019·6	1017·9	+0·4	..	..	..	285·5	282·0	27th	..	294·0	..	0	0
643	Cairo (Helwan)	29 52	31 20	116	1003·0	1016·5	+1·4	301·1	308·2	29th	290·0	286·3	25th	295·5	295·3	−1·3	0	− 1
643a	Aswan	24 2	32 53	100	1000·7	1012·1	+0·7	308·2	312·7	30th	292·4	290·0	25th,26th	300·3	*299·4*	−1·4	..	..
644	Tor	28 14	33 37	1·9	1012·6	1012·8	+0·4	300·4	303·7	2nd,5th	289·9	285·2	26th	295·1	*295·4*	−1·6	0	0
		N.	E.															

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

OCTOBER - ZONE 6 (ASIA)

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	Mean at M.S.L.	Diff. from Normal	TEMPERATURE Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean*	Diff. from Normal	PRECIPITATION Total	Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	28 59	50 49	4·3	1009·5	1010·0	..	303·8	306·3	Sev.dates	295·3	289·7	30th	299·5	*298·8*	+0·1	0	− 2
648	Jask	25 45	57 45	4·0	1010·3	1010·8	..	305·9	308·6	14th	297·4	294·7	21st	301·7	*301·0*	+0·3	0	− 1
649	Manora (Karachi)	24 48	66 59	4·0	1010·8	1011·3	−0·7	303·9	308·6	16th,17th	296·3	293·6	22nd,29th	300·1	*299·4*	+0·2	0	0
650	Jacobabad	28 17	68 29	56·7	1004·5	1010·9	−0·1	309·4	312·4	11th,13th	292·4	285·2	26th	300·9	*300·1*	+0·6	0	− 1
651	Jaipur	26 55	75 50	436	962·8	1011·6	−0·6	305·4	309·1	11th,12th	290·6	284·7	30th	298·0	*297·3*	−1·2	41	+ 33
652	Nagpur	21 9	79 7	310	975·9	1010·9	−0·8	304·7	308·0	3rd	293·2	286·9	29th	298·9	*298·4*	−0·4	125	+ 11
653	Allahabad	25 26	81 50	94·2	999·7	1010·5	−0·8	305·5	309·1	9th	293·9	286·3	31st	299·7	*298·9*	+0·4	48	− 11
653a	Darjiling	27 3	88 16	2265	779·1	..	+0·7	289·6	294·7	8th	283·2	280·8	4 days	286·4	*286·4*	+0·2	239	+115
654	Calcutta	22 32	88 20	6·4	1009·9	1010·7	−0·3	304·1	306·9	3rd	296·8	292·4	28,30,31	300·4	*300·1*	+0·4	247	+140
655	Gauhati	26 11	91 45	55·5	1004·6	1010·8	−1·1	304·2	306·9	1st	295·5	291·3	31st	299·8	*299·1*	+0·7	83	+ 12
655a	Akyab	20 8	92 55	8·8	1009·8	1010·8	−0·3	303·8	305·2	4 days	297·5	296·3	4 days	300·7	*300·3*	0·0	244	− 33
655m	Cherrapunji	25 15	91 44	1313	869·9	..	−0·1	295·8	297·4	13th	289·3	286·9	27th	292·6	*292·0*	+0·7	90	−450
656	Mandalay	21 59	96 6	76·2	1002·0	1010·6	−1·1	307·3	309·1	25th,31st	297·4	294·7	18th	302·3	*301·9*	+0·8	60	− 60
656a	Tengyueh	25 0	98 40	1634	835·9	1008·7	..	295·9	299·0	2nd	286·4	280·5	31st	291·1	290·5	+1·3	115	− 65
657	Phu Lien	20 48	106 38	116	..	1013·1	−0·6	301·2	305·3	1st	294·1	290·4	26th	297·6	296·9	−0·7	179	+ 65
658	Moncay	21 31	107 58	9·0	..	1013·7	+0·2	301·5	306·1	1st	293·5	288·1	26th	297·5	*296·8*	−0·6	225	+ 75
659	Hongkong	22 18	114 10	33·2	..	1013·9	+0·2	300·9	305·2	7th	295·8	291·1	25th	298·3	297·8	+0·2	95	− 30
660	Amoy	24 26	118 41	4·9	1015·9	1016·4	+0·6	301·9	308·0	7th	295·4	291·0	24th,25th	298·7	298·0	+0·2	0	− 49
661	Taihoku, Formosa	25 2	121 31	9·3	1014·3	1015·4	+0·3	299·6	306·7	5th	292·8	285·6	21st	296·2	295·8	−0·1	212	+ 90
661a	Basco	20 28	121 59	18·7	..	1010·3	−0·2	301·4	304·3	3rd,7th	297·5	294·2	22nd	299·5	299·2	−0·2	767	+433
662	Naha	26 12	127 39	29·5	1011·1	1014·5	+2·5	299·6	302·6	7th	294·6	291·0	25th	297·1	296·9	0·0	54	−108
665	Titizima (Bonin Islands)	27 5	142 11	4·3	1013·6	1014·0	+0·8	300·8	303·2	2nd	295·4	289·5	29th	298·1	297·2	−0·6	294	+152
		N.	E.															

OCTOBER - ZONE 7

BETWEEN LATITUDE 20° N. AND 10° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	Mean at M.S.L.	Diff. from Normal	TEMPERATURE Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean*	Diff. from Normal	PRECIPITATION Total	Diff. from Normal
		N.	W.															
715	Colima	19 12	103 45	498	955·2	1010·8	−0·2	305·6	308·3	24th	291·8	289·0	28th	298·7	*297·1*	−0·6	61	− 15
716	Morelia	19 42	101 7	1923	809·9	1010·4	−0·1	295·1	297·5	15th	285·7	280·4	26th	290·4	*289·5*	+0·2	37	− 25
717	Mexico, Tacubaya	19 24	99 12	2309	775·6	..	+0·4	294·4	297·8	15th	281·8	277·0	30th	288·1	287·4	−0·2	50	− 1
718	Salina Cruz	16 12	95 12	56	1004·0	1010·4	−1·0	303·2	305·2	21st	295·2	292·8	27th	299·2	*299·8*	−0·1	7	− 94
719	¤San Salvador	13 42	89 13	682	936·4	1012·0	+0·2	305·2	308·8	19th,21st	291·0	288·4	26th	298·1	*296·2*	+0·4	226	− 40
720	Belize	17 31	88 11	5·2	1011·4	1012·0	+0·3	303·0	304·4	4th	296·2	294·1	27th,30th	299·6	*299·1*	−0·3	224	−111
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1009·1	−2·4	302·7	304·8	18th	296·2	294·4	26th	299·4	*299·2*	−0·3	479	+270
722	Port au Prince	18 33	72 20	37·4	1006·6	1010·7	−1·5	303·7	306·0	6th	296·1	294·2	30th	299·9	*299·3*	−0·1	111	− 56
723	Caracas	10 30	66 55	1043	897·3	1010·7	..	299·8	301·5	26th	288·9	287·1	10th	294·3	*293·6*	+0·3	138	+ 41
724	San Juan, Porto Rico	18 29	66 7	25·0	1008·8	1011·5	−1·4	302·9	306·3	7th	296·9	295·8	23rd	299·9	*299·4*	+0·3	67	− 88
724a	Grenada (Richmond Hill)	12 5	61 46	188	992·6	1013·9	..	303·3	304·7	13th,31st	295·9	294·1	26th	299·6	*299·0*	−0·1	276	+ 79
725	Barbados	13 8	59 36	57·9	..	1011·5	−0·6	302·6	303·8	7,11,13	295·3	293·3	29th	298·9	*298·7*	−0·5	180	− 14
731	São Vicente, C. Verde Is.	16 54	25 4	11	1011·7	1012·9	−0·5	301·8	304·5	31st	293·3	291·5	25th	297·6	*298·8*	−0·2	0	− 30
732	¤San Tiago, C. Verde Is.	14 54	23 31	34	..	..	..	303·4	305·1	18th	..	..	..	..	*301·5*	..	0	− 48
733	Dakar	14 40	17 26	32	1007·2	1010·8	..	305·6	307·2	19th	298·1	294·7	8th	301·9	*301·4*	+0·7	18	− 22
734	¤Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	302·4	305·2	6th	295·8	294·7	19th	299·1	*299·5*	−0·7	132	+ 62
735	Bamako	12 39	7 58	340	973·4	1011·3	..	306·5	309·8	13th	295·5	292·3	29th	301·0	*300·3*	..	12	..
736	Kabara	16 45	W. 3 1	273	..	..	..	311·2	313·2	7th	291·4	288·0	29th	301·3	*300·6*	..	18	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	310·5	311·9	20th,30th	292·6	290·2	18th	301·6	*300·9*	−0·2	0	− 15
738	Kaduna Capital	10 32	7 25	584	942·3	1005·8	..	305·4	308·6	30th	290·6	288·0	22,25,26	298·0	*297·3*	−0·3	8	− 62
739	Bilma	18 41	12 55	356	..	..	..	311·3	314·2	6th	283·2	279·5	31st	297·3	..	..	0	..
740	Maiduguri	11 47	13 11	361	..	..	..	309·6	310·8	Sev.dates	..	..	..	..	‡302·7	+0·2	0	− 15
741	El Fasher	13 32	25 18	730	927·4	1006·7	..	..	..	..	289·4	285·0	1st	..	*299·0*	−0·6	0	− 6
743	El Obeid	13 11	30 14	563	945·2	1006·6	−0·6	310·0	311·3	5th	295·4	293·2	30th	302·7	*301·6*	+1·0	10	− 8
743a	Khartoum	15 37	32 33	380	964·4	1005·7	−1·7	313·1	315·3	10th	297·6	295·8	29th	305·3	*305·1*	+0·6	1	− 3
744	Port Sudan	19 37	37 13	5·5	1010·6	1011·2	+0·4	306·0	308·9	7th	297·7	294·2	31st	301·9	*301·5*	−0·4	156	+146
745	Berbera, Somaliland	10 26	45 2	13·8	1008·5	1010·1	−1·3	305·3	308·6	15th	297·7	294·7	30th	301·5	*301·8*	−0·6	0	− 3
746	Aden	12 49	45 2	29·9	1006·2	1009·6	−2·7	306·1	308·0	3rd,25th	298·7	296·3	31st	302·4	*301·5*	+0·6	3	+ 1
751	Bombay	18 54	72 49	11·3	1009·0	1010·2	−1·3	305·2	307·4	12th,13th	297·4	295·2	7th	301·3	300·8	+0·3	77	+ 22
752	Kodaikanal	10 14	77 28	2343	770·5	..	−0·7	289·6	291·9	9th	283·3	281·9	4 days	286·4	285·9	+0·3	276	+ 30
752a	Bangalore	12 58	77 35	921	909·5	1009·9	−0·9	300·3	304·1	3,4,5	291·4	287·4	22nd	295·9	*295·0*	−0·1	204	+ 55
753	Madras	13 4	80 15	6·7	1008·5	1009·3	−1·2	303·4	307·4	22nd	297·2	295·2	29th,30th	300·3	*299·6*	−0·4	251	− 47
754	Vizagapatam	17 42	83 18	38·4	1005·0	1009·3	−1·1	303·4	305·2	4 days	297·7	294·7	31st	300·5	*299·8*	−0·4	263	+ 84
755	Port Blair	11 40	92 43	18·0	1007·7	1009·8	−1·1	302·2	304·1	1st,3rd	297·9	296·9	4 days	300·1	*299·4*	−0·4	240	− 41
756	Rangoon	16 46	96 11	5·5	1010·0	1010·7	−0·9	304·6	307·4	1st	297·5	295·8	8th,29th	301·1	*300·2*	+0·4	181	+ 6
757	Cap St. Jacques	10 20	107 5	180	..	1010·6	..	301·0	303·5	7th	295·9	294·2	22nd	298·4	*298·0*	−0·6	269	+ 63
758	Nhatrang	12 15	109 12	3·6	..	1008·4	..	302·6	305·6	8th	295·9	294·8	24th	299·3	*298·8*	−0·2	540	+202
759	Iba	15 20	119 58	4·8	..	1007·5	−0·4	304·8	306·7	31st	295·9	293·0	19th	300·3	*299·6*	+0·1	85	−108
761	Vigan	17 34	120 23	12·2	..	1007·5	−1·0	304·2	307·8	9th	296·2	293·5	18th	300·2	300·0	−0·3	47	−104
761a	Manila	14 35	120 59	10·1	..	1008·4	−0·4	303·6	306·0	1st	296·0	293·5	24th	299·8	299·1	−0·4	188	− 1
762	¤Ormoc	11 0	124 36	5·6	..	1006·9	−1·0	304·1	305·6	4th	..	..	..	..	*299·3*	+0·1	443	+196
765	Guam, Ladrone Is.	13 24	144 38	18·6	..	1007·8	+0·2	?303·3	?305·0	1st	297·3	295·5	17th	?300·3	*300·0*	−0·1	458	+122
766	Saipan	15 14	145 46	207	986·4	1006·5	..	301·7	303·2	9th	296·8	295·0	12th	299·3	298·8	..	260	..
		N.	E.															

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

¤Change of normals, see Table of Authorities, pages 105-15.

OCTOBER - ZONE 8 — TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1010·1	1010·7	−0·6	304·4	305·8	28th	297·6	296·3	27th,28th	301·0	*300·5*	−0·3	1	− 93
821	Cristobal	9 23	79 54	11·0	..	1009·8	−0·5	303·3	305·2	30th	297·0	295·8	26th	300·1	299·4	+0·3	504	+120
822	Bogota	4 36	74 5	2645	746·7	..	+0·9	291·3	294·5	9th	283·1	280·4	9th	287·2	*286·5*	−0·3	133	− 30
822a	Merida, Venezuela	8 36	71 9	1641	840·3	..	..	296·2	299·2	18th	288·0	286·4	8th	292·1	*291·0*	−0·5	286	+ 43
823	ǂCiudad Bolivar	8 9	63 33	38	1003·7	1008·0	−1·9	305·0	306·6	3rd	296·9	295·1	17th	300·9	*300·4*	−0·3	117	+ 27
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1010·3	−1·2	304·0	304·7	1,9,22	297·3	295·5	31st	300·7	*300·2*	+0·4	105	+ 29
826	Paramaribo	5 49	55 9	3·7	1010·5	1010·9	−1·3	306·1	307·2	6th	296·0	294·6	13th	301·1	*300·5*	+0·5	231	+159
826a	Cayenne	4 54	52 21	6	1010·2	1010·9	..	305·3	306·5	25th	297·1	296·0	9th	301·2	*300·8*	+0·2	2	− 32
831	10°-5° N., 30°-25° W.	††7 36	††27 30	§(26)	..	1013·2	+1·0	..	..	Sea Temp. 300·4	†0·2	..	..	..	..	*299·6*	+0·1	..	..
833	Konakri	9 31	13 43	12·5	1010·3	1011·8	..	304·1	305·3	29th	295·1	291·0	8th	299·6	*299·0*	+0·4	244	−137
834	Freetown, Sierra Leone	8 29	13 14	55·0	1005·6	1011·9	+1·0	303·2	304·1	8,18,30	..	..	..	..	‡*299·9*	..	198	−123
835	Assumtsi	5 18	1 15	97·3	999·0	1010·1	..	302·5	304·1	11th	293·7	291·9	9th	298·1	*297·5*	−0·2	155	+ 36
836	Accra	5 33	W. 0 12	17·7	1009·9	1011·9	0·0	303·1	304·7	29th	296·2	293·6	9th,11th	299·7	*299·2*	+0·5	146	+ 88
837	Lagos	6 27	E. 3 24	1·8	1011·8	1012·1	+0·9	302·5	305·2	29th	296·6	294·1	3rd	299·5	*298·9*	0·0	153	− 44
838	Victoria, Nigeria	4 1	9 12	15·5	1010·7	1012·5	..	302·1	303·6	2,7,12	293·1	291·3	29th	297·6	*297·0*	..	166	−112
839	Yola	9 12	12 30	259	..	..	..	306·7	309·1	31st	295·3	293·0	1,23,25	301·0	*300·3*	+0·3	33	− 48
841	Barumbu	1 11	23 30	?450	..	..	..	302·1	306·2	19th	292·1	291·0	7th	297·1	*296·4*	..	172	..
842	Wau	7 42	28 3	440	958·8	1007·5	−0·9	306·7	309·0	22nd,30th	294·2	292·5	17th,26th	300·5	*299·4*	+0·9	90	− 33
843	Malakal	9 35	31 37	394	965·1	1008·9	−0·1	305·8	308·0	26th	295·6	292·6	17th	300·7	*299·4*	+0·1	108	+ 28
843a	Juba	4 53	31 35	475	956·3	1009·1	..	306·4	310·4	4th	291·7	289·7	29th	299·1	*298·2*	..	153	..
844	Kampala (Kololo Hill)	0 20	32 36	1312	868·3	1007·9	..	299·4	301·4	4th	289·2	287·0	3rd	294·3	293·4	..	132	..
845	Baidoa	3 7	43 39	480	959·0	1012·2	..	305·6	308·0	Sev.dates	293·2	292·0	21,24,27	299·4	..	..	39	..
846	Sheikh	9 55	45 15	1463	..	..	..	298·4	300·8	3rd,12th	284·4	282·4	31st	291·4	..	..	75	0
851	Minicoy	8 18	73 0	2·7	1010·6	1010·9	−0·6	302·1	303·6	11th,21st	297·5	295·2	24th	299·8	*299·1*	..	124	− 87
851a	Cochin	9 58	76 14	2·7	1010·7	1011·0	−0·4	301·9	303·0	10th,13th	296·6	295·2	15th,23rd	299·3	*298·6*	−0·6	270	− 66
852	Colombo Observatory	6 54	79 52	7·3	..	1009·9	+0·1	301·4	302·4	31st	296·9	295·2	11th,25th	299·2	*298·5*	−0·7	214	−125
853	Nuwara Eliya	6 58	80 46	1881	813·1	1011·1	−0·5	291·5	294·6	31st	284·7	280·1	27th	288·1	*287·5*	−0·2	271	− 8
854	Trincomalee	8 35	81 15	30·2	..	1007·7	−0·3	303·2	305·5	22nd	296·6	294·8	13th	299·9	299·2	1·2	230	+ 31
855	Koetaradja	5 32	95 20	7·1	..	..	..	..	..	..	..	..	..	..	..	..	155	− 24
856	Medan	3 35	98 41	25·0	..	1009·4	−0·8	302·9	305·2	13th	295·0	293·7	26th	298·9	*298·3*	+0·1	145	−115
857	Butterworth	5 25	100 22	2·1	..	1009·2	..	303·1	304·7	Sev.dates	296·1	294·7	24th,31st	299·6	299·1	..	252	..
858	Singapore (Mt. Faber)	1 16	103 49	90·5	..	1009·4	−0·1	303·3	306·3	2nd,18th	296·3	294·1	23rd	299·8	299·4	..	194	..
859	Sandakan	5 50	118 7	55·5	1002·6	1008·9	..	303·9	305·8	10th	296·8	295·2	3,4,5	300·3	*299·8*	−0·1	380	+118
860	Iwahig	9 44	118 38	14·3	..	1006·7	−1·1	303·3	306·7	6th	295·5	293·7	5th	299·4	*298·6*	−0·4	739	+490
861	Tagbilaran	9 38	123 51	21·3	..	1007·2	−1·1	303·9	306·1	18th	297·0	296·0	8th,13th	300·5	299·6	−0·2	313	+119
861a	Menado	1 30	124 50	8·5	..	..	..	..	..	..	..	..	..	..	..	..	234	+112
862	Surigao	9 48	125 29	6·0	..	1007·4	−0·9	303·4	306·6	4th	296·6	294·0	18th	300·0	299·6	+0·3	656	+392
863	Kolonie, Yap	9 29	138 8	29·3	..	1009·1	+0·7	303·0	305·9	4th	296·9	295·7	12th	299·9	299·5	−0·5	609	+321
864	Palau	7 20	134 29	31·8	1005·0	1008·6	−0·3	302·4	304·0	5th,10th	297·2	295·7	20th,27th	299·8	299·4	−0·6	453	+ 61
867	Ponape	6 58 N.	158 13 E.	38·9	1005·1	1009·6	..	301·7	303·4	6th	295·3	293·8	12th,20th	298·5	298·3	..	557	..

OCTOBER - ZONE 9 — BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
902	Atafu	8 32	172 31	1·8	..	1011·5	..	‡302·9	‡305·7	8th	299·1	296·9	28th	‡301·0	*‡300·7*	..	108	..
920	Lambayeque	6 46	79 55	15	1011·7	1013·5	..	298·5	301·0	2nd,24th	289·8	288·5	30th	294·2	292·5	..	0	..
921	Quito	0 13	78 30	2816	726·6	..	−1·2	293·2	296·1	20th	279·6	274·8	30th	286·4	284·8	−0·9	149	+ 16
923	Senna Madureira	9 4	68 40	135	995·1	1010·4	..	306·8	310·0	Sev.dates	293·9	288·0	3rd	300·4	*298·8*	..	123	..
923a	São Gabriel do Rio Negro	0 8	67 5	85	1000·4	1010·0	..	304·8	307·8	29th	294·8	292·9	18th	299·8	*298·6*	..	138	..
924	Manaos	3 8	60 1	43·8	1005·2	1010·2	..	305·2	308·6	9th	295·2	293·8	1st	300·2	*299·8*	−0·8	113	+ 7
925	Parintins	2 38	56 44	18	..	..	..	..	..	..	..	..	..	..	..	..	96	..
926	Taperinha	2 30	54 20	21·5	1007·6	1009·9	−0·7	305·5	308·2	11th	295·3	293·4	8th	300·4	*299·3*	−0·3	110	+ 64
927	Turyassu	1 43	45 26	9·1	1009·1	1010·3	−0·8	305·7	307·0	7th	295·5	292·4	13th	300·6	*300·2*	+0·3	18	+ 7
928	Barra do Corda	5 30	45 16	81·0	1004·7	1014·0	..	307·4	310·4	23rd	294·6	291·7	21st	301·0	*300·5*	+0·8	65	+ 23
929	ǂQuixeramobim	5 16	39 15	199	988·7	1011·0	−1·4	306·7	308·2	11th	298·0	296·6	2nd	302·3	*301·9*	+0·9	2	+ 1
930	Fernando Noronha	3 50	32 25	106	1000·6	1012·4	−0·5	301·1	302·2	14,17,27	296·6	294·3	24th	298·8	*298·5*	+0·2	15	+ 7
934	Ascension Island	7 56	W.14 25	16·8	1012·6	1014·5	−0·9	300·9	302·4	8th	294·7	293·6	9,21,31	297·8	*297·1*	+0·4	5	− 1
939	Loanda	8 49	E.13 13	59·3	..	1012·1	−0·5	300·6	302·8	27th	294·4	292·7	13th	297·5	296·8	+0·5	11	+ 5
940	Brazzaville	4 17	15 16	320	..	..	..	..	..	..	..	..	..	..	..	..	..	..
942	Tshibinda	2 19	28 45	2115	..	..	..	294·9	297·9	3rd,8th	283·6	280·4	1st	289·2	*289·8*	..	273	..
943	Masaka	0 20	31 44	1280	..	..	..	299·0	302·2	19th	288·5	286·8	7th	293·7	*293·0*	..	76	− 20
944	Nairobi (Kabete Obs.)	1 16	36 48	1820	820·8	1011·1	..	297·0	300·8	4th	284·6	281·2	7th	290·8	289·8	..	55	..
944a	Zanzibar (Chukwani Palace)	6 15	39 13	21	1011·5	1013·9	..	302·4	304·1	12th	295·2	294·1	8th	298·8	298·1	..	87	..
945	Afmadu	0 30	42 4	?	..	..	..	307·2	310·0	18th	294·9	293·0	1st,7th	301·1	..	..	43	..
947	Seychelles, Port Office	4 37	55 27	4·6	1012·0	1012·5	+0·2	301·3	302·4	28th	296·8	294·7	20th	299·1	*298·3*	−0·1	59	− 63
957	Padang	0 56	100 22	6·7	..	1010·6	−0·4	303·1	305·6	19th	296·1	294·7	23rd	299·6	*299·0*	0·0	479	− 16
958	Batavia	6 11	106 50	8·0	1009·0	1009·9	−0·2	304·6	306·5	17th	296·4	295·6	5th,18th	300·5	299·9	+0·2	99	− 15
958a	Pontianak	0 1	109 20	2·6	..	1010·1	−0·2	304·4	306·9	3rd	296·9	296·1	3rd	300·7	*300·0*	+0·6	418	+ 45
959	Pasoeroean	7 38	112 55	5·0	..	1009·3	−1·1	305·4	306·3	6th	297·0	294·9	5th	301·2	*301·1*	+0·6	0	− 19
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	13	− 35
962	Amboina	3 42	128 10	4·2	..	1009·2	−0·9	302·9	304·2	31st	296·8	295·7	30th	299·9	*299·4*	+0·5	183	+ 29
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	147	+ 37
965	Daru	9 4	143 13	7·6	..	1009·8	−1·5	302·8	..	..	296·6	..	..	299·7	299·3	0·0	27	− 26
966	Port Moresby	9 29	147 9	38·4	..	1009·4	−2·0	303·6	..	..	297·4	..	..	300·5	*300·1*	+0·8	106	+ 74
967	Rabaul	4 9	152 12	12·5	1007·2	1008·6	−0·5	305·3	308·7	3rd	295·6	293·7	30th	300·4	*299·8*	−0·5	36	− 82
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	303·8	305·2	19th,28th	297·0	295·8	21st,22nd	300·4	*300·2*	0·0	330	+109
970	Ocean Island	0 52	169 35	42·6	1005·1	1010·1	−0·4	305·8	306·9	8th,20th	298·3	296·3	30th	302·1	*301·3*	+0·8	10	−100
972	Funafuti, Ellice Is.	8 30	179 13	2·4	1009·1	1009·5	..	305·7	307·4	19,23,26	298·4	296·3	13th	302·1	*301·6*	..	155	..

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
§Number of observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
ǂChange of normals, see Table of Authorities, pages 105-15.
††Mean latitude and longitude of the observations.

OCTOBER - ZONE 10 — TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1001	Vavau	18 39	173 59	9·1	1013·4	1014·4	..	300·4	302·9	21st	295·2	291·9	2nd	297·8	*297·4*	..	297	..
1002	Apia, Samoa	13 48	171 46	2·0	..	1011·4	+0·2	302·2	303·5	30th	296·0	294·3	8th	299·1	298·8	−0·5	247	+ 85
1003	Alofi, Niue Is.	19 2	169 55	19·8	..	1015·8	+1·4	302·1	305·8	19th	293·8	288·6	2nd	297·9	297·7	+0·5	140	+ 24
1004	Pukapuka, Danger Is.	10 53	165 54	2·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1005	Aitutaki, Cook Is.	18 53	159 46	3·0	..	..	..	301·6	303·6	5 days	294·9	293·0	2nd,13th	298·3	*297·8*	..	..	..
1007	Papeete (Hamuta)	17 32	149 33	5·0	1012·8	1013·3	..	303·0	304·6	6th	294·0	293·0	6th	298·5	*297·9*	..	58	..
1021	Lima	12 5	77 3	111	1002·0	1015·1	..	294·7	297·0	23rd	287·7	286·2	17th	291·2	290·0	..	2	..
1022	Arica	18 28	70 20	29	1012·4	1015·8	..	293·9	295·0	24th,28th	287·1	282·0	18th	290·5	290·2	+0·6	0	0
1024	La Paz, Bolivia	16 30	68 8	3658	657·5	..	−0·2	290·9	294·6	21st	276·6	274·2	20th	283·7	*282·5*	−1·0	33	− 12
1025	ǂCorumba	18 59	57 39	116	995·6	1008·6	−0·9	307·8	312·6	2nd	293·9	283·2	11th	300·8	*300·3*	+1·0	25	− 77
1026	Cuyaba	15 36	56 6	165	990·8	1009·5	0·0	307·6	312·1	1st	294·8	285·3	12th	301·2	*300·1*	+0·6	85	− 29
1027	Bello Horizonte	19 56	43 57	895	914·5	1013·0	+0·4	299·2	306·2	2nd	289·8	285·0	1st	294·5	*294·0*	−0·2	124	− 5
1028	Caetite	14 3	42 37	897	915·5	1013·1	+0·5	302·3	307·4	4th	290·1	287·5	22nd	296·2	296·6	+0·7	88	− 3
1029	ǂOndina (Bahia)	13 0	38 31	64	1006·3	1013·6	−0·1	301·2	303·7	6th	294·8	293·0	4th	298·0	*297·7*	0·0	181	+ 62
1030	ǂAracaju	10 55	37 3	6·1	1013·8	1014·4	−0·6	301·3	303·2	6th	295·8	292·2	3rd	298·6	*298·6*	+0·4	71	− 35
1035	ǂSt. Helena	15 57	W. 5 40	604	946·7	1016·6	−1·2	289·3	293·6	14th	285·5	284·7	2,5,25	287·4	*287·1*	+0·2	24	− 9
1039	Mossamedes	15 12	E.12 9	12·5	..	..	..	..	..	..	..	..	..	308·9	310·8	12th	292·1	287·7	19th	300·5	..	−0·3	1	− 11
1041	Livingstone	17 50	25 49	972	904·7	1008·4	..	305·5	307·9	3rd	285·8	281·6	20th	295·6	..	−1·1	36	+ 7
1041a	Elisabethville	11 40	27 29	1230	875·5	1006·5	−0·6	303·6	306·9	31st	286·7	280·8	19th	295·1	..	+0·8	0	− 19
1042	Gwelo	19 26	29 45	1411	863·1	1012·7	..	303·1	305·5	13th	286·9	280·9	21st	294·6	294·4	0·0	9	− 20
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	853·5	1010·7	−0·4	302·3	306·9	31st	290·3	284·7	20th	296·7	*296·0*	+0·3	0	− 39
1044	Zomba	15 23	35 18	921	..	..	..	303·8	307·0	30th	293·2	290·3	23rd	298·5	298·5	−0·4	12	+ 4
1045	Mossuril	14 57	40 40	15	..	1014·8	−0·1	299·3	303·4	31st	284·0	278·9	21st	291·7	290·4	−1·1	90	+ 26
1046	Antananarivo	18 55	47 33	1375	866·7	1015·7	+0·4	300·9	302·9	31st	292·3	290·0	10th	296·6	*296·0*	..	15	..
1046a	Tamatave	18 9	49 22	7	..	1018·7	..	301·4	303·5	31st	293·5	291·5	22nd	297·5	*297·0*	..	43	..
1047	Vohemar	13 24	50 2	2	..	1015·5	..	301·2	303·2	4th	292·4	290·3	4th	296·8	*296·2*	..	96	..
1048	Antalaha	14 53	50 15	4	..	..	..	302·3	303·1	20th	297·9	296·4	14th	300·1	299·7	+0·4	170	+ 82
1055	Cocos, Keeling Is.	12 5	96 53	4·6	..	..	..	302·3	303·6	29th	296·4	295·2	9th	299·3	*299·1*	−0·8	28	− 35
1057	Christmas Island	10 25	105 43	5·5	1009·1	1009·8	−0·4	..	..	..	..	..	..	..	..	..	..	..
1061	Koepang	10 10	123 34	45·1	..	1009·8	−1·3	308·1	311·2	11th	296·1	293·8	30th	302·1	*301·2*	+1·0	5	− 13
1061a	Derby	17 18	123 40	16·2	1008·7	1010·4	−1·1	309·8	315·6	26th	295·8	291·9	16th	302·8	..	+0·7	0	− 2
1062	Hall's Creek	18 13	127 46	373	969·7	1010·6	−0·4	309·4	312·4	22,24,31	293·1	284·1	29th	301·2	*300·6*	−0·4	1	− 15
1063	Darwin	12 28	130 51	29·6	1006·4	1009·8	−0·5	307·0	310·2	14th	298·1	295·7	27th	302·6	*301·5*	0·0	38	− 13
1064	Daly Waters	16 16	133 23	211	986·0	1009·3	−0·6	311·7	314·1	6th,7th	293·6	285·8	29th	302·7	*302·1*	−0·3	0	+ 22
1065	Palmerville	15 56	144 8	210	986·2	1009·6	−1·3	307·3	310·2	4th	291·4	288·6	7,10,23	299·3	..	−0·9	76	+ 53
1066	Georgetown, Queensland	18 22	143 32	302	977·2	1010·6	−1·8	..	..	..	..	..	..	..	..	..	13	− 5
1066a	Willis Island	16 18	149 59	8·5	1010·8	1011·9	−1·0	300·7	301·8	3rd	296·3	294·4	1st	298·5	298·6	−0·4	102	+ 85
1067	Samarai	10 37	150 40	6·1	..	..	..	304·7	..	..	296·7	..	..	300·7	*300·5*	+1·7	202	− 20
1070	Vila, New Hebrides	17 44	168 19	57·0	1005·6	1012·2	..	299·2	302·0	12th	292·3	290·0	2nd	295·7	*295·2*	..	134	..
1071	Rotuma, Fiji	12 30	177 0	27·4	1007·7	1010·9	..	302·2	303·6	11,19,22	296·2	294·7	5th,8th	299·2	*299·0*	..	260	..
1072	Suva, Fiji	18 8 S.	178 26 E.	3·7	1013·4	1013·8	+0·6	300·6	303·6	20th	294·7	290·8	7th	297·7	*297·5*	+0·4	369	+158

BETWEEN LATITUDE 20° S. AND 30° S. — OCTOBER - ZONE 11 (AMERICA, AFRICA)

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1101	Nukualofa, Tonga	21 8	175 12	3·0	1016·1	1016·4	..	298·6	301·3	30th	292·4	287·6	2nd	295·5	*295·1*	..	52	..
1105	Rarotonga (Avarua)	21 12	159 46	6·1	..	..	..	300·2	301·9	15,21,26	292·6	288·6	6th	296·4	*296·2*	+0·7	185	+ 55
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1014·5	1017·3	+0·3	289·6	291·7	27th	284·6	282·5	26th	287·1	*286·9*	−0·1	0	− 1
1122	Antofagasta	23 42	70 24	94	1005·2	1016·4	−0·9	291·1	292·0	Sev.dates	286·0	283·5	11th	288·5	*288·4*	−0·6	0	− 1
1123	Catamarca	28 29	65 47	528	949·2	1007·8	−2·8	304·7	314·6	20th	290·4	281·5	11th	297·6	..	‡+2·0	16	− 11
1124	Salta	24 46	65 24	1173	880·8	1007·8	−1·7	300·1	308·2	21st,30th	284·3	272·9	12th	292·2	292·3	+0·1	11	− 20
1125	Goya	29 9	59 15	37	1008·1	1012·4	−0·9	302·3	311·5	22nd	288·6	279·5	11th	295·4	*295·0*	+2·2	34	− 79
1126	Asuncion	25 17	57 41	139	997·9	1013·7	+1·5	306·2	312·7	22nd	292·8	282·8	12th	299·5	*298·8*	+3·1	175	+ 26
1127	Curityba	25 25	49 17	908	914·3	1016·2	+0·6	295·9	302·5	22nd	284·9	280·8	12th	290·4	*289·0*	+0·1	117	− 26
1128	Rio de Janeiro	22 54	W.43 10	18·3	1013·5	1015·6	+1·1	296·9	304·4	23rd	292·1	290·4	19th	294·5	294·5	0·0	47	− 36
1139	Windhoek	22 34	E.17 6	1727	830·5	1009·2	..	302·8	305·5	6th	288·8	280·5	18th	295·8	*295·5*	+1·4	0	− 11
1140	ǂO'Okiep	29 36	17 52	933	911·3	1015·3	+1·2	299·0	308·0	26th	282·7	277·4	22nd	290·9	*290·6*	+0·7	3	− 8
1141	Kimberley	28 44	24 46	1218	879·9	1010·8	−0·4	302·9	309·0	30th	286·4	278·6	18th	294·7	294·8	+2·3	2	− 23
1141a	Johannesburg	26 11	28 4	1806	824·0	1013·6	−0·2	299·0	303·7	31st	284·1	275·2	18th	291·6	*291·3*	+1·5	20	− 45
1142	Bulawayo	20 9	28 35	1349	867·5	1010·7	−0·4	303·8	307·4	1st,16th	287·7	281·9	19th	295·8	295·5	+0·4	2	− 19
1143	Durban	29 52	31 3	15·2	1014·6	1016·4	−2·2	297·1	308·0	11th	290·6	286·3	17th,18th	293·9	*293·3*	+0·7	80	− 51
1144	Lourenço Marques	25 58	32 36	59·5	..	1015·9	−0·6	302·2	314·6	12th	291·0	287·2	18th	296·6	295·7	+0·7	34	− 16
1145	Tulear	23 20	43 40	6	..	1015·3	..	301·0	304·0	1st	289·5	284·8	20th	295·3	..	..	30	..
1146	Fort Dauphin	25 1	46 58	14	..	1017·0	..	298·3	302·0	31st	291·8	288·6	21st	295·1	*294·7*	..	127	..
1147	Mauritius	20 6 S.	57 33 E.	55·2	1011·8	1018·3	+0·1	299·4	301·0	19th	291·1	289·7

OCTOBER - ZONE 11 (AUSTRALIA) — TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° S.	° E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1011·4	1011·8	−0·7	304·1	309·1	24th,31st	287·7	283·6	10th,18th	295·9	..	−1·0	0	− 1
1160	Cue	27 27	117 52	454	964·0	1015·2	+1·4	300·7	310·2	26th	285·5	277·4	8th	293·1	..	−0·3	1	− 5
1161	Nullagine	21 53	120 5	386	969·8	1012·4	+1·1	307·5	311·9	21st	289·3	281·9	16th	298·4	..	−0·3	0	− 4
1162	Laverton	28 40	122 23	466	961·7	1014·0	−0·3	301·7	311·9	27th	285·1	277·4	8th	293·3	*293·2*	0·0	1	− 6
1163	Alice Springs	23 38	133 35	579	948·6	1012·5	+0·3	303·7	311·2	31st	287·4	280·8	16th	295·6	*295·6*	−0·5	0	− 19
1164	William Creek	28 55	136 21	76·2	1006·6	1015·2	+0·7	303·4	314·1	22nd	286·7	280·9	26th	295·1	*294·8*	+0·8	0	− 10
1164a	Boulia	22 55	139 38	146	995·5	1011·8	+0·2	306·9	313·3	24th	289·2	284·2	27th	298·1	*298·1*	−0·7	0	− 13
1165	Thargomindah	27 58	143 43	123	999·5	1013·5	−0·3	303·9	312·1	31st	289·5	284·7	27th	296·7	*296·4*	+1·0	11	− 8
1166	Mitchell	26 32	147 52	336	976·6	1014·8	+0·6	300·8	307·8	31st	285·1	278·2	15th	292·9	..	−0·7	67	+ 29
1167	Rockhampton	23 24	150 30	11·3	1013·8	1015·1	−0·4	301·1	304·6	30th	290·3	285·8	27th	295·7	*295·0*	−1·1	103	+ 59
1168	Brisbane	27 28	153 2	41·8	1012·1	1016·3	+0·3	298·9	304·6	21st	289·8	285·9	20th	294·3	*293·8*	+0·2	97	+ 33
1170	Norfolk Island	29 4	167 59	14·9	1019·1	1020·8	+2·9	293·5	294·9	7th	288·9	286·1	27th	291·2	*290·8*	+0·1	74	− 28

OCTOBER - ZONE 12 — BETWEEN LATITUDE 30° S. AND 40° S.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° S.	° W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1221	Juan Fernandez	33 37	78 52	6	1019·4	1020·1	−1·2	289·4	291·8	14th	284·1	280·0	6th	286·7	*286·6*	+0·2	71	+ 23
1221a	Punta Tumbes	36 37	73 6	120	1002·8	1017·4	−0·3	287·3	290·2	15th	281·5	278·4	9th	284·4	*284·2*	−0·2	38	+ 8
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1012·2	1017·1	−0·3	291·3	305·0	14th	282·8	280·4	11th	287·1	*286·8*	−0·1	13	+ 2
1222a	Santiago	33 27	70 42	520	955·9	1016·4	+0·1	294·7	302·4	15th	280·7	277·2	3rd	287·7	*287·0*	+0·4	5	− 8
1223	Cordoba	31 25	64 12	423	963·0	1011·3	−2·5	300·6	312·7	20th	284·7	273·2	11th	292·6	292·7	+2·3	26	− 34
1224	Bahia Blanca	38 45	62 16	28·7	..	..	..	..	..	..	..	..	..	..	..	..	38	− 21
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1011·4	1014·4	−2·0	295·5	306·5	19th	284·9	275·6	10th	290·2	290·2	+1·7	127	+ 39
1226	Montevideo (Prado)	34 52	56 12	24·9	..	1016·5	0·0	295·1	308·8	20th	283·7	274·0	12th	289·4	289·4	+1·3	60	− 1
1226a	Porto Alegre	30 2	W. 51 13	23·5	1012·8	1015·6	−0·7	297·1	308·2	21st	287·4	280·6	13th	292·3	292·0	+0·8	40	− 37
1239	Cape Town	33 56	E. 18 29	12·2	..	1017·1	+0·1	295·2	304·1	26th	285·2	278·1	13th	290·2	*289·2*	+1·0	34	− 8
1240	Klaver	31 47	18 37	41·8	1013·3	1018·3	−0·8	299·1	310·3	26th	284·7	280·3	13th	291·9	..	+0·1	8	0
1241	Riversdale	34 6	21 16	105	1007·0	1019·5	..	298·6	310·8	27th	282·0	277·4	10th	290·3	..	+0·5	13	− 27
1242	ǂEast London	33 1	27 54	45·4	1010·8	1016·2	−0·2	294·9	308·6	14th	286·3	282·3	26th	290·6	..	0·0	30	− 38
1259	Perth (Observatory)	31 57	115 51	60·0	1009·4	1016·5	−0·4	293·7	301·3	14th	284·7	278·6	8th	289·2	*289·0*	+0·1	129	+ 73
1260	Katanning	33 42	117 35	310	978·3	1014·7	−1·0	292·9	300·4	14th,26th	281·1	275·6	7th	287·0	..	+0·1	56	+ 16
1261	Coolgardie	30 57	121 10	423	965·9	1013·9	−0·7	298·8	311·9	27th	282·4	275·8	8th	290·6	*290·5*	−0·1	14	− 4
1262	Eucla	31 45	128 58	4·6	1014·5	1015·1	−0·1	296·9	313·6	22nd	284·4	277·4	5th	290·7	*290·2*	+0·8	10	− 8
1263	Streaky Bay	32 48	134 13	13·1	1014·8	1016·2	+0·5	296·3	309·0	22nd	284·7	279·1	15th	290·5	*289·9*	+0·4	12	− 13
1264	Adelaide	34 56	138 35	42·7	1011·3	1016·2	+0·4	296·2	310·0	22nd	283·6	277·1	26th	289·9	*289·6*	+0·3	16	− 28
1265	ǂMelbourne	37 49	144 58	35·1	1011·0	1015·2	+0·4	294·8	308·7	23rd	282·4	277·1	17th	288·6	*288·4*	+1·2	40	− 29
1266	Bourke	30 13	145 58	110	1004·5	1017·2	+0·8	302·9	312·4	23rd	287·2	281·9	10th	295·1	..	+0·6	25	+ 1
1267	ǂSydney	33 51	151 13	42·1	1010·6	1015·4	+0·7	295·1	306·6	24th	286·7	282·2	7th	290·9	*290·6*	+0·1	103	+ 30
1268	Lord Howe Island	31 20	159 0	4·9	1016·6	1017·1	+0·7	294·9	297·4	21st	289·0	285·2	17th,30th	292·0	..	+0·8	111	− 21
1271	Auckland	36 51	174 48	40·8	..	1018·7	+3·4	290·3	293·6	8th	283·6	278·8	23rd	287·0	..	0·0	74	− 20
1272	Napier	39 29	176 55	1·5	..	..	..	290·6	296·9	7th	280·5	274·2	3rd	285·6	..	−1·8	51	− 7

OCTOBER - ZONE 13 — BETWEEN LATITUDE 40° S. AND 50° S.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° S.	° W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1301	Chatham Island	43 57	176 31	45·7	1007·1	1012·6	+2·5	..	..	..	..	..	..	..	..	..	9	− 45
1321	Isla Guafo	43 34	74 45	140	999·5	1016·6	−1·5	282·5	286·0	23rd	278·9	276·2	9th	280·7	*280·6*	−1·1	34	− 26
1322	Punta Galera	40 1	73 44	40	1013·0	1017·9	−0·5	285·5	288·5	25th	280·0	275·1	4th	282·7	*283·0*	−0·8	107	+ 7
1323	Sarmiento	45 33	69 1	272	978·1	1010·5	−2·7	290·0	298·5	26th	277·3	270·1	11th	283·6	283·8	−0·7	0	− 8
1324	Puerto Madryn	42 46	W. 65 2	14	1010·4	1012·1	−2·4	293·4	302·2	18th	279·6	274·5	1st	286·5	*286·2*	+0·2	18	− 1
1365	Launceston	41 27	E.147 10	81·1	1002·6	1012·3	+1·8	291·9	299·2	18th	279·8	274·7	25th	285·9	*285·1*	+1·0	75	..
1366	ǂHobart	42 53	147 20	53·9	1003·4	1009·9	−0·2	291·1	300·9	18th	281·8	276·4	7th	286·4	*285·6*	+1·2	109	+ 50
1369	Invercargill	46 25	168 21	3·7	..	..	..	287·7	296·3	25th	278·4	271·9	23rd	283·1	..	−0·5	112	− 4
1370	Alexandra	45 15	169 24	159	..	..	..	290·6	298·6	24th	277·9	269·9	23rd	284·3	284·0	..	19	..
1371	Dunedin	45 52	170 31	6·1	..	1012·0	+2·1	289·5	296·3	25th	278·7	273·0	22nd	284·1	..	+0·5	100	+ 18
1371a	Christchurch	43 32	172 39	7·6	..	1012·8	+2·9	290·9	297·9	13th	279·3	274·0	22nd,23rd	285·1	..	+0·3	42	− 1
1372	Wellington	41 16	174 46	127	999·1	1014·5	+2·9	287·7	290·7	19th	281·1	275·8	24th	284·4	283·7	−1·0	55	− 49

OCTOBER - ZONE 14 — BETWEEN LATITUDE 50° S. AND 60° S.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° S.	° W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1421	Islota de los Evangelistas	52 24	75 6	55	997·0	1003·7	−2·8	281·0	282·4	26th	279·0	277·4	31st	280·0	*280·3*	+1·6	216	− 4
1422	Magallanes	53 10	70 54	8	1001·1	1002·1	−3·1	283·4	288·6	27th	275·8	272·2	Sev.dates	279·6	*279·4*	−0·2	73	+ 54
1423	Punta Dungeness	52 24	68 26	5	1001·2	1001·8	−3·1	283·5	286·6	27th	274·3	273·2	8th	278·9	*279·1*	−0·8	8	− 2
1424	Santa Cruz	50 1	68 31	13	1004·4	1006·0	−2·5	288·6	298·4	25th	276·3	273·6	9th	282·4	282·1	−0·2	1	− 8
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1002·6	−3·4	282·2	288·6	25th,26th	275·5	271·9	1st,23rd	278·8	..	+0·6	70	+ 30
1426	Cape Pembroke	51 41	57 42	21·3	999·6	1002·2	−3·2	281·1	289·1	25th	275·8	272·4	23rd	278·4	278·5	+0·3	..	..
1429	S. Georgia (Cumberland Bay)	54 16	36 30	4	995·6	996·1	−4·4	277·4	291·4	30th	270·8	265·7	25th	274·1	*273·8*	−0·7	202	+132

OCTOBER - ZONE 15 — BETWEEN LATITUDE 60° S. AND 70° S.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° S.	° W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1527	South Orkneys	60 43	44 47	7	992·4	993·3	0·0	269·1	274·6	28th	262·4	251·9	15th	265·8	266·0	−3·0	24	− 4

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

ǂChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE
FOR THE MONTH OF NOVEMBER 1933
BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

NOVEMBER - ZONE 0

BETWEEN LATITUDE 90° N. AND 80° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° N.	° E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
047	Calm Bay	80 20	52 48	5·9	1013·4	1014·2	..	..	271·7	..	..	245·1	..	..	*252·7*	..	8	..

NOVEMBER - ZONE 1

BETWEEN LATITUDE 80° N. AND 70° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° N.	° W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangel Insel	70 58	178 33	3·0	1022·1	1022·5	+ 4·6	255·5	261·2	..	249·5	243·0	..	252·5	*252·6*	−4·3	1	− 5
105	Barrow	71 23	156 17	4·6	..	1022·0	+ 5·2	253·3	261·3	3rd	248·4	241·9	26th	250·8	..	−4·0	3	− 5
121	Pond Inlet	72 43	78 30	4·0	..	1008·0	..	253·6	264·7	18th	248·4	239·7	29th	251·0	*251·3*	−1·4	1	..
125	Upernivik	72 47	56 7	19·2	998·4	1000·8	− 7·8	269·4	277·9	21st	264·5	260·5	28th	266·9	*266·9*	+4·0	8	− 19
131	Myggbukta	73 29	21 34	3·2	..	1009·6	..	..	273·0	17th	256·0	248·1	16th	..	*260·7*	..	13	..
132	Scoresbysund	70 29	21 58	16·9	1007·2	1009·3	+ 1·6	269·8	277·1	17th	262·8	254·5	12th	266·3	*266·8*	+4·4	..	..
135	Jan Mayen	70 59	W. 8 18	23·1	1006·0	1008·9	+ 4·7	..	278·3	18th	270·7	264·6	5th	..	*272·8*	+1·5	41	0
139	Svalbard Radio	78 13	E.15 38	53·0	1001·0	1007·8	+ 0·5	..	276·5	5th	262·1	254·4	10th	..	*265·8*	..	42	..
140	Bjornoen	74 28	19 17	29·2	1003·2	1006·9	+ 2·7	..	277·6	18th	269·8	261·4	10th	..	*271·7*	+1·6	53	+ 18
141	Ingoy	71 4	24 9	4·3	1008·6	1009·1	+ 4·9	..	283·7	18th	272·4	266·9	11th	..	*274·4*	+0·2	115	+ 53
142	Sletnes	71 5	28 14	10·2	1007·5	1008·8	+ 4·9	..	279·2	18th	269·8	263·2	17th	..	*272·7*	..	67	..
143	Vardö	70 22	31 6	12·1	1007·4	1008·9	+ 3·3	..	279·2	18th	269·9	262·7	18th	..	*272·2*	+1·3	89	+ 26
147	Malye Karmakouly	72 23	52 44	15·3	1004·3	1006·3	+ 0·8	..	275·7	..	..	246·3	..	..	*259·6*	−3·2	13	− 3
148	Vaigatch	70 24	58 48	11·2	1003·6	1005·1	− 1·9	263·0	274·3	..	256·9	244·0	..	259·9	*260·1*	−5·1	8	− 2
149	Russian Harbour	76 14	62 39	9·3	1005·8	1007·0	..	..	273·4	..	..	246·0	..	..	258·4	..	16	..
150	Cape of Desire (Zhelanya)	76 57	68 34	8·0	1008·2	1009·3	..	..	272·0	..	..	244·3	..	..	*255·2*	..	2	..
153	Dikson	73 30	80 23	13·0	1005·4	1007·2	− 1·2	253·1	266·4	..	245·6	235·1	..	249·3	*249·4*	−6·5	2	− 7
162	Bulun	70 45	127 47	35	1011·6	1016·5	− 1·6	..	264·9	..	..	226·8	..	..	*245·0*	+0·7	..	..
165	Great Liakhov Is. (Cape Shalaurov)	73 11	143 14	7	1020·0	1021·0	..	..	258·4	..	..	240·2	..	..	*248·1*	..	0	..

NOVEMBER - ZONE 2

BETWEEN LATITUDE 70° N. AND 60° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° N.	° W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
201	Cape Otto Schmidt	68 55	179 30	7·0	1021·4	1022·4	..	255·4	264·2	..	248·7	239·0	..	252·1	*252·2*	..	6	..
202	Savoonga	63 43	170 20	5·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
203	Nome	64 30	165 24	6·7	1009·1	1009·8	+ 3·3	264·9	273·0	5th	258·9	250·2	29th	261·9	*262·9*	−1·9	23	0
204	Bethel	60 45	161 47	11·6	..	1007·4	+ 3·9	266·8	277·4	5th	261·7	250·8	30th	264·3	..	−0·5	24	+ 5
205	Tanana	65 10	152 6	69·5	..	1012·2	..	262·1	269·7	3rd, 4th	254·4	235·2	30th	258·3	..	+2·9	17	− 3
206	Rampart	65 30	150 15	114	..	..	..	..	..	..	..	..	..	..	..	..	..	..
206a	Holy Cross	62 16	159 50	15·2	..	..	..	266·4	277·4	2nd	258·8	238·6	30th	262·6	..	+1·2	48	+ 18
207	Cordova	61 31	145 36	13·1	..	1005·4	+ 2·8	277·2	281·9	15th	273·8	270·2	27 th, 30 th	275·5	..	+1·5	614	+244
208	Fairbanks	64 51	147 39	138	992·2	1010·8	..	263·2	278·0	3rd	255·6	235·2	30th	259·4	*260·3*	+2·4	19	0
209	Dawson	64 4	139 29	324	973·4	1016·0	..	260·6	268·6	16th	253·8	239·7	27th	257·2	*257·6*	+1·3	47	+ 18
210	Aklavik	68 14	134 50	7·6	1018·9	1020·0	..	252·1	263·6	3rd, 4th	246·4	237·4	26th	249·2	*249·3*	..	25	..
211	Fort Good Hope	66 15	128 38	65·2	1013·4	1022·5	..	253·7	266·3	1st, 4th	245·6	229·7	29th	249·7	*249·9*	−1·9	24	− 2
212	Fort Simpson	61 52	121 15	126	1001·9	1018·9	..	259·6	269·7	4th	252·7	241·9	28th	256·2	*256·4*	−1·1	69	+ 50
213	Hay River	60 51	115 57	161	997·1	1018·5	..	262·2	274·1	15th	253·1	232·4	30th	257·7	*257·7*	−2·4	38	+ 18
214	Coppermine	67 49	115 10	4·6	1020·5	1021·1	..	250·4	264·7	4th	243·8	233·6	25th	247·1	*247·2*	..	56	..
218	Chesterfield	63 45	91 50	4·0	1009·7	1010·3	..	250·9	269·7	5th, 6 th	244·9	235·2	29th	247·9	*247·8*	−7·3	14	..
221	Nottingham Island	63 7	77 56	16·5	1003·0	1005·2	..	259·2	269·1	5th	254·4	244·7	30th	256·8	*256·7*	..	13	..
223	Hope's Advance	61 5	69 33	73·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
224	Resolution Island	61 18	64 53	38·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
225	Jacobshavn	69 13	51 2	31·6	992·2	996·2	−10·6	..	..	..	264·3	255·9	26 th	..	*267·7*	+3·6	10	− 7
226	Godthaab	64 10	51 43	20	..	..	..	272·3	276·8	9th, 15th	266·5	261·1	29th	269·4	*270·2*	+1·9	120	+ 72
227	Ivigtut	61 12	48 10	30·0	993·8	997·5	− 5·5	275·6	284·8	1st	269·5	264·4	23, 25, 26	272·5	*272·5*	+2·6	317	+205
229	Angmagsalik	65 36	37 33	29·3	998·3	1002·0	− 1·5	275·1	279·4	23rd	269·8	252·5	27th	272·5	*272·7*	+4·7	175	+ 97
231	Stykkisholm	65 5	22 46	25	..	1007·0	+ 2·7	279·9	284·6	29th	274·5	268·1	2nd	277·2	*277·0*	+3·5	123	+ 59
232	Vestmanno	63 24	20 17	122	..	1008·2	+ 6·4	279·6	282·0	3, 6, 8	276·3	270·5	2nd	277·9	*278·2*	+3·0	123	− 12
233	Grimsey	66 33	18 1	22	..	1007·6	+ 2·6	278·1	283·2	3rd	274·1	269·2	2nd	276·1	*276·0*	+3·0	13	− 14
233a	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	15	..
234	Teigarhorn	64 41	14 22	18	..	1010·4	+ 6·2	279·0	285·6	4th	273·2	269·4	23rd	276·1	*276·0*	+2·1	112	+ 2
235	Højvig	62 3	6 45	22·9	1011·0	1013·8	+ 8·0	281·4	285·0	17th	278·0	274·7	1st	279·7	*279·8*	+2·2	82	− 84
236	Lerwick	60 9	W. 1 8	48·8	..	1014·4	+ 7·5	280·9	283·0	4, 6, 9	278·3	275·8	7th	279·6	*279·8*	+0·5	74	− 34
237	Bergen, Fredriksberg	60 24	E. 5 19	44·4	1010·7	1016·2	+ 6·7	278·9	282·9	9th	274·8	269·6	18th	276·9	*276·9*	−0·2	73	−105
238	Ona	62 52	6 33	14·6	1013·8	1015·6	+ 7·6	..	283·0	9th	276·7	274·3	25th	..	*278·4*	+0·3	54	− 78
239	Trondheim	63 26	10 25	63·8	1008·9	1016·4	+ 7·4	274·0	281·8	9th	269·3	262·1	26th	271·7	*272·1*	−1·5	50	− 28
240	Bodö	67 17	14 26	17·0	1011·2	1013·3	+ 7·5	..	281·6	25th	271·7	267·4	13th	..	*274·0*	+0·1	137	+ 33
241	Haparanda	65 50	24 9	9·2	1013·4	1014·5	+ 5·1	270·2	277·5	1st	262·8	251·0	25th	266·5	*266·8*	−1·4	39	− 10
242	Helsingfors	60 10	24 57	11·7	1014·5	1016·0	+ 3·5	274·8	281·4	1st	270·1	261·0	26th	272·5	*272·6*	−0·5	22	− 41
242a	Kuopio	62 55	27 40	233	986·3	1015·9	+ 4·5	270·7	278·9	1st	266·3	259·5	18th	268·5	*268·6*	−1·8	21	− 27

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

‡See Table of Authorities, Remarks, pages 105-15.

NOVEMBER - ZONE 2 cont.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 70° N. AND 60° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
243	Kola	68 53	33 1	6·7	1009·1	1010·0	+2·4	270·8	277·0	1st	264·9	253·0	15th	267·8	*268·1*	+ 1·6	38	+ 13
244	Petrozavodsk	61 47	34 23	79·0	..	..	..	272·6	280·4	1st	267·2	256·6	25th	269·9	*269·9*	+ 0·1	23	− 18
245	Arkhangelsk	64 34	40 31	6·3	1010·4	1011·2	0·0	270·7	280·1	1st	264·5	248·6	28th	267·6	*267·5*	+ 0·2	43	+ 12
246	Mezen	65 50	44 16	17·4	1006·8	1009·0	−0·2	270·5	279·2	1st	262·8	239·6	28th	266·6	*266·6*	+ 1·0	41	+ 21
247	Oust-Tsylma	65 25	52 18	73·8	998·3	1008·0	−3·0	267·4	279·2	1st	259·0	236·9	28th	263·2	*263·4*	− 0·4	29	+ 3
248	Tcherdyn	60 24	56 31	208	985·6	1013·4	−4·0	267·0	280·1	1st	259·1	236·4	29th	263·0	*262·6*	− 1·4	34	− 18
249	Berezov	63 56	65 4	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249a	Yugor Strait	69 49	60 45	13·0	1003·1	1004·8	−3·1	263·0	273·8	..	256·4	239·5	..	259·7	*259·2*	− 4·4	4	− 4
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	..	..	..	..	..	..	..	..	..	..	..	..	..	..
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Viliouisk	63 45	121 35	120	1001·6	1018·2	..	253·0	269·6	14th	244·8	232·1	30th	248·9	*249·3*	+ 2·3	15	+ 2
262	Iakoutsk	62 1	129 43	108	1005·4	1020·2	−0·7	254·9	269·6	14th	245·3	226·3	30th	250·1	*250·5*	+ 5·0	14	+ 3
263	Verkhoiansk	67 33	133 24	100	997·5	1011·6	−4·9	247·2	267·9	13th	238·1	230·1	18th	242·6	*242·9*	+ 6·3	11	+ 4
264	Petropavlovskoe	60 25	134 28	?163	996·2	1018·6	..	256·8	270·1	21st	249·5	229·7	30th	253·2	*253·3*	..	34	..
268	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45 N.	177 33 E.	17·2	..	..	..	261·7	272·9	15th	254·9	239·3	28th	258·3	*258·4*	− 0·9	1	− 6

NOVEMBER - ZONE 3 — BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		N.	W.		mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
302	St. Paul Island	57 15	170 10	5·8	..	1006·4	+5·2	275·6	279·1	2nd, 5th	271·3	266·3	13th	273·4	..	− 0·0	43	− 44
303	Dutch Harbor	53 55	166 30	4·0	1005·4	1005·7	+5·2	277·5	282·4	27th	272·6	267·4	13th	275·0	*275·4*	− 0·2	126	− 35
305	Dillingham	59 0	158 28	24·4	..	..	..	270·9	275·2	2, 4, 7	264·4	255·2	14, 15, 25	267·7	..	− 1·5	56	+ 13
306	Kodiak	57 48	152 22	4·6	1002·4	1003·0	+3·1	278·0	280·2	Sev. dates	272·4	267·4	25th	275·2	*275·4*	+ 0·1	70	− 68
309	Sitka	57 3	135 19	4·6	..	..	..	280·7	284·7	15th	275·1	270·8	2nd	277·9	..	+ 1·2	341	+ 99
310	Prince Rupert	54 18	130 18	51·8	1010·1	1016·5	+6·3	281·9	286·3	6th	277·2	273·0	26 th, 27 th	279·6	*279·8*	+ 1·6	648	+325
311	Prince George	53 50	122 48	570	950·2	1018·9	..	280·2	286·9	13th	274·0	268·0	4th	277·1	*277·1*	+ 5·5	66	+ 27
312	Kamloops	50 41	120 20	385	979·3	1026·7	+4·3	279·9	287·4	26th	274·8	269·7	27th	277·3	*277·6*	+ 2·6	12	− 11
313	Calgary	51 2	114 2	1079	890·1	1016·4	+0·1	280·3	291·9	13th	269·6	255·2	4th	274·9	*274·5*	+ 4·3	13	− 4
314	Fort Smith	60 0	111 52	207	991·4	1018·9	..	262·3	276·3	16 th, 17 th	252·8	231·9	30th	257·6	*257·7*	− 3·1	63	+ 40
315	Prince Albert	53 10	105 45	436	963·3	1018·8	+1·2	271·2	280·8	13th	260·2	249·1	4th, 28th	265·7	*265·4*	− 0·5	31	+ 7
316	Qu'Appelle	50 31	103 56	654	937·3	1017·8	−0·6	273·6	283·6	19th	263·7	255·8	28th	268·6	*268·4*	+ 1·0	22	− 1
317	Minnedosa	50 15	99 50	515	953·2	1018·2	+0·6	269·9	278·6	13th	260·6	251·3	30th	265·3	*265·1*	− 1·6	24	0
318	Berens River	52 18	97 2	219	..	..	..	264·7	273·6	1st	256·1	245·2	14th	260·4	..	− 6·0	106	+ 73
318a	Churchill	58 46	94 13	13·1	1016·2	1018·0	..	255·3	269·7	7th	249·6	239·7	29th	252·5	*252·3*	..	13	..
319	Pagwa	50 3	85 18	189	..	..	..	260·2	280·8	4th, 5th	251·5	233·0	18th	255·8	..	−11·6	58	+ 6
320	Moose Factory	51 14	80 30	8·8	..	..	..	262·7	272·4	2nd, 6th	251·9	238·6	25th	257·3	*257·8*	−10·4	..	..
320a	Moosonee	51 13	80 31	8·8	..	1015·1	..	263·1	273·6	2nd	253·7	240·2	25th	258·4	*258·0*	..	58	..
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 30	73 55	383	..	..	..	263·4	278·6	3rd	255·6	237·4	28th	259·5	..	− 7·5	90	+ 17
323	Fort Chimo	58 10	68 10	15·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
324	Natashkwan	50 14	61 48	6·1	..	..	..	272·0	279·1	15, 16, 17	258·9	247·4	28th	265·5	..	− 4·7	143	+ 76
326	Belle Isle	51 53	55 23	130	986·4	1002·9	−5·0	270·6	278·6	14th	263·5	256·3	26th	267·1	*267·6*	− 3·3	77	− 21
334	Valentia Observatory	51 56	10 15	13·7	1013·3	1015·0	+2·4	283·3	285·9	6th	279·6	273·1	22nd	281·5	281·7	+ 0·1	66	− 72
335	Aberdeen	57 10	W. 2 6	26·0	1011·6	1014·8	+5·3	281·5	287·6	6th	277·4	271·6	12th	279·5	279·7	+ 1·0	83	+ 3
336	Greenwich	51 29	0 0	46·3	..	1013·4	−1·2	281·6	286·3	7th	276·6	273·0	13th	279·1	279·1	− 0·5	22	− 36
337	Uccle	50 48	E. 4 22	100	999·7	1012·0	−2·9	280·7	288·7	19th	274·6	270·0	10th	277·6	277·4	− 1·1	54	− 12
338	De Bilt	52 6	5 11	3·0	1011·8	1012·2	−2·3	279·9	284·8	7th	274·5	271·0	5th, 22nd	277·2	276·9	− 1·1	41	− 19
338a	Hamburg	53 33	9 58	40·3	1008·8	1013·8	−1·3	278·5	283·0	7th	275·2	271·7	30th	276·9	276·7	− 0·2	37	− 16
339	‡ Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1014·2	1014·8	+1·5	279·2	283·1	6th, 9th	275·5	272·5	26th	277·3	277·5	+ 1·1	18	− 32
340	Potsdam	52 23	13 4	84·9	1002·7	1013·3	−2·2	277·8	282·7	7th	273·6	270·5	23rd	275·7	275·6	− 0·5	39	0
340a	Uppsala	59 51	17 38	24	1013·0	1016·0	+5·6	274·9	282·3	10th	270·1	258·8	26th	272·5	272·8	+ 0·3	26	− 17
341	Warsaw	52 13	21 3	88·3	1005·0	1016·0	−2·8	276·8	283·2	1st	272·2	264·3	30th	274·5	*274·5*	− 2·5	32	− 6
342	Tartu	58 23	26 43	80·8	1005·8	1016·1	+3·1	272·6	282·9	1st	267·5	256·1	20th	270·1	270·4	− 2·0	41	0
343	Leningrad	59 56	30 16	8·6	1014·8	1015·9	+3·0	273·2	282·4	1st	267·8	258·4	19th	270·5	*270·8*	− 1·2	29	− 7
344	Moscow	55 50	37 33	167·2	996·7	1018·0	+0·4	271·5	282·5	1st	265·9	249·5	29th	268·7	*268·7*	− 1·5	38	− 5
345	Saratov	51 34	46 0	135	1002·0	1019·1	−2·8	275·4	284·8	2nd	268·0	251·0	30th	271·7	*271·7*	+ 1·9	50	..
346	Kazan	55 47	49 8	82·4	1006·2	1016·8	−2·4	271·5	284·5	1st	265·1	246·1	29th	268·3	*268·3*	− 0·4	40	+ 8
347	Orenburg	51 45	55 6	109	1005·9	1019·9	−4·1	273·8	284·1	8th	265·0	243·4	30th	269·4	*269·3*	+ 0·9	30	− 5
348	Perm	58 1	56 16	159	994·2	1014·8	−3·8	269·0	281·1	3rd	261·6	239·6	29th	265·3	*265·2*	− 0·6	52	0
349	Sverdlovsk	56 50	60 38	281	979·4	1015·3	−2·3	269·6	284·5	1st	261·8	241·5	29th	265·7	*265·2*	0·0	26	+ 7
350	Tobolsk	58 12	68 14	108	1001·0	1014·1	−4·3	268·5	281·7	1st	258·9	233·1	30th	263·7	*263·2*	− 0·5	30	+ 4
351	Akmolinsk	51 12	71 23	347	976·4	1021·3	−5·6	272·6	284·1	9th	263·3	243·1	30th	268·0	*267·4*	+ 1·6	27	+ 10
352	Omsk	55 1	73 19	108	1002·3	1015·9	−5·8	269·9	281·9	2nd	260·6	242·8	30th	265·2	*264·8*	+ 0·4	22	+ 4
353	Barnaoul	53 20	83 47	158	1000·7	1021·0	−6·2	272·2	281·6	10th	263·5	247·2	24th	267·8	*267·9*	+ 3·4	66	+ 37
354	Tomsk	56 30	84 58	123	999·8	1015·7	−7·9	268·9	279·6	11th	259·6	241·3	19th	264·2	*263·9*	+ 1·6	77	+ 30
355	Minousinsk	53 43	91 41	249	990·4	1022·5	−5·3	271·1	281·2	7th	259·3	242·5	20th	265·2	*265·6*	− 1·3	10	0
356	Eniseisk	58 27	92 10	78	1005·1	1015·4	−6·6	267·1	276·5	11th	258·7	239·8	26th	262·9	*262·4*	+ 1·7	45	+ 14
357	Irkutsk	52 16	104 19	467	963·4	1023·0	−5·0	270·8	279·3	7th	257·9	244·2	20th	264·4	*264·2*	+ 1·9	5	− 12
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	665	939·5	1025·0	−0·4	265·4	273·4	3rd	252·8	241·8	21st	259·1	*258·4*	− 0·4	4	0
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		° N. ′	° E. ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

‡ See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

NOVEMBER - ZONE 3 cont.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
361	Tygan Ourkan	54 5	124 46	379	971·1	1021·1	−0·8	254·3	278·5	14th	249·5	233·4	22nd	256·9	256·9	+1·5	19	+ 6
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	1001·1	1019·6	−0·5	268·6	276·8	17th	257·3	247·8	22nd	263·0	*262·4*	+0·9	3	− 5
364	Chantar Bolchoy	54 50	137 30	?20	..	..	..	270·0	276·2	14th	257·6	249·9	28th	263·8	*264·7*	..	21	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1006·3	1011·8	−0·5	268·0	274·0	7th	258·3	245·4	28th	263·2	*263·6*	+0·5	66	+34
366	Okhotsk	59 21	143 17	5·5	1009·9	1010·6	−0·5	267·3	272·7	8th	260·9	253·6	26th	264·1	*264·1*	+5·7	9	+ 3
368	Petropavlovsk (Phare)	52 53	158 43	87·1	993·6	1004·5	−0·9	273·9	278·3	10th	268·3	261·3	22nd	271·1	*271·2*	+0·8	82	− 8
369	Kluchevskoye	56 21	160 48	23·5	1004·7	1007·7	..	269·3	278·4	30th	260·7	249·0	23rd	265·0	*265·3*	..	29	..
370	Nikolskoe	55 12	165 59	6·8	1003·6	1004·5	..	..	..	18th	269·8	262·2	..	..	*273·3*	..	74	..
		N.	E.															

NOVEMBER - ZONE 4 — BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		N.	W.		mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	69·5	1015·4	1024·0	+7·8	282·3	285·8	22nd	279·2	275·2	28th	280·7	280·5	+0·8	99	−38
412	Portland, Oregon	45 32	122 41	46·6	1020·0	1025·4	+6·6	283·9	289·7	2nd	278·2	274·7	29th	281·1	280·7	+0·4	65	−99
413	Macleod	49 44	113 24	953	..	..	..	281·0	289·7	14th	271·6	255·2	4th	276·3	276·2	+3·9	36	+20
414	Helena	46 34	112 4	1257	878·4	1023·0	+4·1	282·3	292·4	13th	272·2	259·7	4th	277·2	277·4	+3·9	19	0
414a	Salt Lake City	40 46	111 54	1328	874·7	1025·4	+4·5	284·8	289·7	24th	273·7	269·1	6th	279·2	*279·1*	+1·5	5	−30
415	Cheyenne	41 8	104 48	1857	815·8	1020·6	+3·2	284·6	291·9	19th	270·6	259·1	5th	277·6	*278·1*	+3·1	7	− 5
416	North Platte	41 8	100 45	860	919·4	1020·6	+1·1	286·4	295·2	24th	267·7	259·7	9th	277·0	*277·9*	+3·3	4	− 8
416a	Bismarck	46 47	100 48'	510	956·0	1018·3	−0·4	277·6	289·1	13th	260·5	246·3	16th	269·0	*269·9*	−2·2	44	+17
417	Winnipeg	49 53	97 7	232	987·8	1017·7	..	269·4	277·4	1st	264·6	249·7	16th	277·2	*273·2*	+1·9	19	+ 2
418	Duluth	46 47	92 6	345	972·6	1015·2	−2·0	272·1	283·0	1st	259·7	249·7	15th	265·3	*265·9*	−5·1	54	+17
419	Port Arthur	48 27	89 12	196	990·2	1015·3	−0·9	270·9	281·3	1st	272·5	260·2	16th	276·3	*276·5*	−2·0	17	−44
420	Chicago	41 47	87 35	205	991·5	1016·6	−1·7	280·2	298·0	1st	272·5	260·2	16th	276·3	*276·5*	−3·0	74	+ 7
421	Toronto	43 40	79 24	116	1000·0	1014·6	−3·0	276·9	289·1	2nd	268·8	259·7	15th	272·8	*27.·7*	−3·0	74	+ 7
422	New York (Central Park)	40 47	73 58	47·4	1009·8	1015·7	−2·2	282·1	293·6	30th	274·8	264·7	16th	278·4	*278·5*	−1·4	23	−57
423	St. John, N.B.	45 17	66 4	36·3	1006·8	1011·4	..	275·9	285·2	3rd	267·7	260·2	17 th, 29 th	271·8	*271·6*	−3·5	101	−11
424	S.W. Point, Anticosti	49 24	63 33	9·1	1007·1	1008·3	..	272·2	279·7	3rd	264·1	253·0	26th	268·1	*268·0*	−1·3	146	+ 8
424a	Sable Island (Main Station)	43 57	60 6	7·6	1010·5	1011·4	..	281·9	288·0	10th	274·2	268·6	17th	278·1				
426	St. John's, Newfoundland	47 34	52 42	74·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
435	Madrid	40 24	3 41	667	934·3	1012·9	−6·0	283·7	288·0	1st	275·9	271·2	6th	279·8	279·0	−1·4	50	−12
436	Nantes	47 15	W. 1 34	36·5	1007·5	1011·9	−3·6	282·4	289·0	19th	276·7	269·6	27th	279·5	279·2	−1·4	16	−71
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1006·5	1012·7	−3·7	280·8	288·9	19th	275·2	269·4	30th	278·0	277·7	−1·1	44	− 5
438	Marseille	43 18	5 23	75	..	1009·2	−6·2	286·2	291·0	18th	278·8	270·7	28th	282·5	*282·0*	−1·7	154	+82
438a	Zürich	47 23	8 33	493	953·0	1012·5	−6·2	279·1	286·0	20th	274·3	270·9	28th	276·7	276·3	−0·2	69	+ 1
439	Rome	41 54	12 29	203	989·7	1014·7	−3·5	278·8	285·9	17th	274·7	271·1	9 th, 30 th	276·8	276·8	−0·2	50	+ 5
440	Vienna	48 15	16 22	203	989·7	1014·7	−3·5	278·8	285·9	19th	276·3	272·1	30th	278·8	278·5	+0·9	117	+66
440a	Budapest	47 31	19 1	130	999·3	1015·4	−3·6	281·3	288·2	19th	276·3	272·1	30th	278·8	278·5	+0·9	117	+66
441	Sofia	42 42	23 20	550	951·8	1017·1	−3·9	285·6	297·2	5th	277·5	269·0	30th	281·5	*281·0*	+3·5	95	+47
442	Bucharest	44 25	26 6	82	1008·3	1018·4	−1·8	284·7	295·6	5th	276·1	263·1	30th	280·4	279·7	+2·4	88	+40
443	Odessa (Observatory)	46 26	30 46	42·8	..	..	..	282·2	291·4	5th	276·6	263·2	30th	279·4	*279·0*	+1·4	36	+ 2
444	Novorossiisk	44 44	37 49	37·1	1014·7	1019·3	−0·4	285·8	294·8	1st	279·2	258·4	30th	282·5	*282·5*	+1·1	73	+ 3
445	Tiflis	41 43	44 48	404	972·6	1020·9	−1·7	286·8	295·7	7th	278·8	270·4	25th	282·8	*282·0*	+2·0	55	+22
446	Astrakhan	46 21	48 2	−20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
447	Fort Alexandrovsk	44 31	50 7	−23·0	1024·7	1021·9	−0·3	283·1	290·7	6th	277·0	263·1	30th	280·0	*279·6*	+0·8	5	− 4
448	Krasnovodsk	40 0	52 59	− 7·4	1021·6	1020·7	−1·0	286·8	293·1	8th	281·0	268·2	30th	283·9	*283·6*	+0·2	2	−11
449	Kasalinsk	45 46	62 7	66·7	1014·7	1023·1	−1·6	279·7	291·5	8th	269·1	255·6	30th	274·4	*273·7*	+1·8	13	+ 2
450	Tashkent	41 20	69 18	479	965·2	1022·5	−2·3	287·2	298·7	10th	275·0	266·5	23rd	281·2	*280·5*	+0·5	44	+11
451	Andijan	40 44	72 20	496	964·0	1023·7	..	286·8	292·8	10th	273·9	269·1	14th	280·4	*279·8*	..	23	..
452	Alma Ata	43 16	76 55	848	924·7	1026·0	−1·7	281·3	293·0	9th	270·7	255·6	24th	276·0	*275·8*	..	26	−19
459	Peiping	40 0	116 22	84·5	1016·5	1027·2	..	282·5	288·9	4th	270·6	265·2	28th	276·5	276·2	..	15	..
461	Fengtien (Moukden)	41 47	123 24	44·3	1017·6	1023·4	−0·5	278·3	289·1	9th	266·9	259·2	22nd	272·6	272·1	+0·3	10	−14
462	Joshin	40 40	129 12	31·9	1016·8	1020·8	+0·8	282·4	287·6	1st, 5th	273·8	268·4	28th	278·1	277·7	+1·0	28	−20
463	Yuki	42 20	130 24	63·8	1012·6	1020·7	+0·1	277·8	286·2	5th	269·7	264·0	22nd	273·7	273·8	−0·1	17	− 7
464	Vladivostok	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
465	Ochiai	47 20	142 47	27·4	1008·6	1012·0	−0·8	275·7	281·5	6th	267·1	261·1	25th	271·4	271·3	+0·4	52	−27
466	Nemuro	43 20	145 35	26·7	1011·4	1014·7	0·0	281·4	286·0	2nd	274·5	269·5	24th	277·9	278·1	+0·8	113	+30
466a	Syena	45 14	147 53	39·3	1008·4	1013·4	+0·8	279·7	285·3	27th	273·2	267·4	11th, 26th	276·5	276·6	+0·6	123	− 8
		N.	E.															

NOVEMBER - ZONE 5 (AMERICA) — BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		N.	W.		mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
511	San Francisco	37 48	122 26	47·2	1014·9	1020·3	+1·5	293·1	299·7	13th	284·1	280·8	30th	288·6	287·9	+2·5	0	−61
512	Sacramento	38 35	121 30	20·1	1018·3	1020·6	+1·9	293·8	298·0	13th	279·2	276·3	30th	286·5	*286·9*	+1·5	0	−49
513	San Diego	32 43	117 10	26·5	1014·5	1017·6	+1·1	294·6	303·6	13th	284·2	279·1	29th	289·4	*289·1*	+1·3	1	−22
514	Modena	37 48	113 54	1668	838·8	1022·7	+3·1	285·8	291·9	15th	267·5	261·3	6th	276·7	*276·1*	+1·2	22	+ 7
515	Santa Fé	35 41	105 57	2138	790·7	1021·7	+2·8	284·7	292·4	14th	272·1	266·3	6th	278·4	*277·9*	+1·9	26	+ 7
516	Denver	39 45	105 0	1613	840·5	1020·3	+2·9	288·2	296·3	13th	273·6	262·4	5th	280·9	*281·3*	+3·9	5	−10
517	Abilene	32 23	99 40	530	958·7	1020·6	+1·4	293·8	300·8	1st	275·6	266·3	16th	280·8	*281·0*	+0·4	42	−31
518	Saint Louis	38 38	90 12	173	997·6	1018·6	−0·9	285·9	299·1	1st	275·6	266·3	16th	280·8	*281

NOVEMBER - ZONE 5 (EUROPE, AFRICA, ASIA)

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 8	40	1018·5	1023·9	+3·1	293·3	296·7	5th	288·5	284·9	23rd	290·9	290·7	+0·9	116	− 34
531	Horta																	
532	Ponta Delgada	38 32	28 38	65	1015·4	1023·2	+2·9	292·3	294·9	1st	287·5	285·0	21st	289·9	289·9	−0·1	130	+ 11
532a	Faja de Cima	37 48	25 40	22	1020·2	1022·8	+2·8	292·5	294·0	2nd	287·9	284·8	22nd	290·2	289·9	+0·2	..	..
533	Madeira (Funchal)	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	65	− 64
535	Lisbon	38 43	9 9	95	1002·1	1013·6	−4·1	287·9	290·8	2nd	282·3	278·7	7th	285·1	284·9	−1·7	65	− 44
536	Gibraltar	36 6	5 21	27·4	..	1012·9	−5·2	290·0	294·1	1st	282·6	279·7	8th	286·3	*286·1*	−2·3	217	+ 54
536a	Colomb-Béchar	31 37	W. 2 13	769	923·6	1012·0	−5·6	289·4	293·6	4th	280·1	276·8	15, 23, 24	284·8	*284·0*	−1·3	13	− 3
537	Palma	39 34	E. 2 39	23	1006·6	1009·4	−7·8	290·1	294·2	1st	280·4	277·2	26th	285·3	*283·8*	−2·4	217	+161
538	Algiers	36 46	3 13	59	1004·4	1011·5	−5·2	290·4	296·9	18th	284·7	281·3	27th	287·5	287·3	−1·3	189	+ 48
538a	Gadames	30 8	9 30	361	..	..	..	298·3	312·0	7th	282·4	275·0	16th	290·3	..	+0·9	23	+ 20
539	Tunis	36 48	10 10	66	1003·9	1011·8	−4·0	292·4	296·4	5th	283·3	278·1	28th	287·9	*287·9*	−0·2	45	− 7
540	Malta	35 54	14 31	71·2	..	1013·5	−2·1	293·7	298·0	3rd, 4th	288·9	284·1	15th	291·3	*290·5*	+0·6	75	− 16
541	Athens	37 58	23 43	107	1003·8	1016·5	−0·7	293·7	300·7	4th	287·0	280·3	30th	290·4	290·0	+3·0	28	− 44
542	Alexandria	31 12	29 53	32	1013·8	1017·5	+0·2	301·2	308·0	13th	289·5	287·4	12th	295·3	*294·4*	+1·6	0	− 33
543	Ankara	39 58	32 48	861	920·2	1020·3	0·0	288·1	296·7	1st	276·6	265·1	23rd	282·3	*281·9*	..	49	..
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1016·8	+0·3	299·6	305·8	17th	285·2	277·4	23rd	292·4	..	+3·1	11	− 33
544	Beirut	33 54	35 28	33·7	..	1016·7	−0·4	296·8	300·6	16th	291·3	286·8	23rd	294·1	*293·8*	+1·7	14	−114
545	Hinaidi	33 17	44 29	32·9	1012·4	1016·3	−1·6	299·2	305·2	3rd	282·4	275·2	24th	290·8	*290·8*	+0·4	1	− 25
546	Lenkoran	38 46	48 51	− 20·0	..	..	..	..	..	..	..	..	..	..	..	..	7	..
547	Tehran	35 41	51 25	1220	..	..	..	290·9	295·8	3rd, 10th	279·3	271·9	25th	285·1	*284·8*	+0·5	7	− 15
548	Meshed	36 17	59 36	946	..	..	..	289·3	296·9	8th, 9th	..	..	..	..	..	..	36	+ 21
549	Seistan	31 2	61 30	?610	961·6	..	..	295·9	301·9	3rd, 4th	280·8	276·9	14th	288·3	..	+1·7	10	+ 8
550	Quetta	30 10	67 1	1647	838·9	..	−0·9	291·8	295·8	16th	274·3	269·1	27th	283·1	*282·8*	+0·7	2	− 6
551	Peshawar	34 1	71 35	355	976·0	1017·9	−0·8	299·8	305·8	2nd	283·2	278·6	29th	291·5	*290·4*	+2·0	0	− 7
551a	Lahore	31 35	74 20	214	990·9	1016·3	−0·5	300·7	304·7	7th	282·6	279·7	28, 29, 30	291·6	*290·4*	+0·1	9	+ 7
552	Simla	31 6	77 10	2202	784·0	..	0·0	287·4	290·2	30th	280·3	275·2	27th	283·9	*283·6*	+0·3	4	− 9
552a	Leh	34 9	77 34	3503	669·3	..	+0·3	281·4	286·3	7th	267·1	264·1	24th, 28th	274·3	*273·2*	+0·1	1	0
558	Sian	34 31	109 5	365	980·5	1024·6	..	285·8	292·5	9th	277·9	272·0	29th	281·8	281·7	..	31	..
559	Hankow	30 35	114 17	39·1	1019·6	1024·6	−0·6	289·7	296·3	11th	282·1	276·3	16th	285·9	*285·8*	+0·8	60	+ 6
560	Tientsin	39 9	117 9	6·4	1023·6	1024·2	−1·0	282·9	289·9	4th	272·8	267·6	28th	277·9	*277·6*	−0·1	19	+ 8
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1022·3	1023·1	−0·6	291·5	296·5	21st	281·1	274·0	17th	286·3	285·3	+1·1	16	− 34
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1014·0	1022·7	−0·2	284·6	290·2	5th	275·4	270·0	7th	280·0	279·4	+0·1	30	− 11
562a	Nagasaki	32 44	129 52	133	1004·4	1020·4	−0·4	290·3	294·8	23rd	282·5	278·2	8th	286·4	285·9	+0·3	75	− 10
563	Kyoto	35 1	135 44	42·9	1015·3	1020·6	+1·2	290·1	297·0	11th	278·2	274·0	29th	284·1	283·6	+0·9	120	+ 44
564	Tokyo	35 41	139 46	5·8	1018·0	1018·7	+0·4	289·3	295·4	2nd	279·8	273·1	29th	284·5	284·2	+0·9	84	− 23
565	Hukusima	37 45	140 28	68·5	1011·1	1019·5	+1·3	287·3	294·0	5th	276·2	268·7	26th	281·7	281·3	+0·3	62	− 1
566	Miyako	39 38	141 59	30·4	1013·8	1017·6	+0·3	286·9	293·8	12th	274·9	270·2	25th	280·9	280·3	+0·1	59	− 23

NOVEMBER - ZONE 6 (AMERICA, AFRICA)

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 13	177 22	5·8	1016·5	1017·1	..	298·3	300·8	Sev. dates	..	..	..	..	..	..	146	+ 92
605	Honolulu	21 19	157 52	11·6	1014·5	1015·9	−0·5	299·0	302·4	15th	292·6	289·7	28th	295·8	*295·7*	−0·8	20	− 78
613	Guaymas	27 55	110 53	8·3	1014·3	1015·2	+0·7	302·9	309·0	13th	292·1	287·5	30th	297·5	297·2	+1·7	0	− 12
614	La Paz, Mexico	24 10	110 18	18	1011·3	1013·4	..	300·0	302·0	Sev. dates	292·4	288·0	Sev. dates	296·2	*295·7*	..	3	..
615	Leon	21 7	101 41	1809	822·8	1014·6	+0·1	298·5	301·2	22nd	280·1	273·4	27th	289·3	*288·0*	−1·0	2	− 10
616	Monterry	25 40	100 18	528	958·0	1018·5	+1·2	296·6	303·3	21st	286·9	282·6	25th	291·7	*291·3*	+0·8	13	− 21
617	Tulancingo	20 5	98 22	2181	792·7	..	+1·5	293·5	299·8	2nd	278·7	271·4	26th	286·1	*285·1*	−0·6	15	0
618	Galveston	29 18	94 50	16·5	1018·6	1020·6	+1·1	294·9	298·6	21st	289·3	283·0	25th	292·1	*291·9*	+1·8	121	+ 27
618a	New Orleans	29 57	90 4	16·2	1018·9	1021·0	+1·7	29·-·8	301·3	4th	286·9	281·9	16th	290·8	*290·1*	+1·0	91	− 3
619	Merida, Yucatan	20 58	89 38	22	1015·2	1017·8	+1·5	301·1	303·0	8th	292·5	288·8	28th	296·8	296·2	−0·2	1	− 42
620	Havana	23 7	82 25	77·0	1007·1	1016·0	−0·3	298·8	302·0	2nd	293·6	290·0	20th	296·2	296·2	−0·1	86	− 20
620a	Key West	24 33	81 48	6·7	1016·9	1017·6	+0·7	297·9	301·3	2nd	292·8	288·0	19th	295·3	*295·0*	−1·1	19	− 39
621	Nassau, Bahamas	25 5	77 20	5·4	..	1016·8	+0·1	299·2	301·9	24th	293·8	291·3	20th	296·5	*296·4*	−0·9	53	− 19
622	San Salvador (Watling Island)	24 6	74 26	33·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
633	Port Etienne	20 56	17 3	4	1014·6	1015·1	..	..	..	..	..	..	..	..	‡*291·9*	..	0	− 2
634	La Laguna	28 28	16 20	547	952·2	1015·5	−2·0	289·9	292·8	1st	282·3	278·7	28th	286·0	287·2	−2·4	146	+ 64
634m	Izana	28 19	16 30	2367	766·5	..	−1·9	279·0	286·0	2nd	273·8	271·0	23rd	276·4	*276·4*	−2·9	41	−125
636	Adrar	27 52	W. 0 17	285	982·8	1016·4	..	293·4	298·4	5th	281·8	276·4	15th	287·6	*287·6*	..	33	..
638	Tamanrasset (Fort Laperrine)	22 47	E. 5 31	1350	864·0	1009·3	−1·5	298·1	302·0	7th, 8th	283·9	276·0	16th	291·0	291·3	−0·4	0	0
639	Gat	24 58	10 11	566	..	..	..	302·5	307·4	6th	288·7	282·1	16th, 25th	295·6	..	..	..	..
640	Hon	29 8	15 56	207	..	..	..	300·6	308·2	1st	285·3	279·9	26th	292·9	*293·7*	..	7	..
641	Ghirabub	29 44	24 31	15	..	..	..	302·3	307·0	1st	288·3	279·9	26th	295·3	*295·8*	..	0	..
642	Siwa	29 12	25 29	− 15	1018·3	1016·6	−2·4	..	..	..	282·6	276·5	26th	..	*291·8*	..	0	− 1
643	Cairo (Helwan)	29 52	31 20	116	1003·1	1016·6	−0·2	302·6	308·9	15th	289·6	285·2	30th	296·1	295·8	+3·3	2	− 1
643a	Aswan	24 2	32 53	100	1002·2	1013·6	−0·7	308·4	312·4	16th	290·7	289·0	20th, 30th	299·5	*298·5*	+3·2	..	..
644	Tor	28 14	33 37	1·9	1014·8	1015·0	+0·2	300·4	303·2	10th	287·1	282·5	18th	293·7	*293·5*	+0·5	0	− 5
		N.	E.															

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

‡ See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

NOVEMBER - ZONE 6 (ASIA)

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	28 59	50 49	4·3	1014·5	1015·1	..	296·4	303·6	5th	289·2	285·2	27th	293·8	*293·5*	−0·4	7	− 29
648	Jask	25 45	57 45	4·0	1014·8	1015·3	..	302·7	305·8	10th	293·6	290·2	26th	298·2	*297·9*	+0·7	1	− 6
649	Manora (Karachi)	24 48	66 59	4·0	1014·8	1015·3	−0·7	302·8	305·8	7th	293·6	290·2	29th	298·2	*297·9*	+1·0	0	− 1
650	Jacobabad	28 17	68 29	56·7	1009·7	1016·3	0·0	304·7	310·2	19th	285·4	282·4	28th, 29th	295·1	*294·4*	+1·2	0	− 2
651	Jaipur	26 55	75 50	436	966·4	1016·3	−0·5	302·7	306·3	5th	284·7	279·7	30th	293·7	*292·7*	−0·8	0	− 4
652	Nagpur	21 9	79 7	310	980·1	1015·8	−0·1	302·7	304·7	4 days	288·4	285·2	4 days	295·6	*295·3*	−0·1	24	+ 6
653	Allahabad	25 26	81 50	94·2	1004·6	1015·7	−0·5	301·8	304·7	6th	285·7	282·4	26th	293·7	*292·8*	−0·1	0	− 8
653a	Darjiling	27 3	88 16	2265	777·8	..	−0·9	285·7	289·7	20th	278·9	277·4	4 days	282·3	*282·0*	−0·4	19	0
654	Calcutta	22 32	88 20	6·4	1013·7	1014·5	−0·4	301·6	303·6	22nd	291·7	288·6	26th	296·7	*296·3*	+0·8	0	− 17
655	Gauhati	26 11	91 45	55·5	1008·3	1014·9	−1·2	300·6	302·4	2, 7, 8	289·4	285·2	30th	295·0	*294·3*	+0·2	2	− 10
655a	Akyab	20 8	92 55	8·8	1012·4	1013·4	−0·2	302·8	304·7	3, 7, 9	294·1	289·1	25th	298·5	*298·1*	+0·1	107	− 33
655m	Cherrapunji	25 15	91 44	1313	871·2	..	−0·2	292·9	296·9	8th	285·0	282·4	30th	288·9	*288·2*	−0·2	1	− 82
656	Mandalay	21 59	96 6	76·2	1004·6	1013·3	−1·3	305·5	308·0	2, 4, 6	293·7	288·0	25th	299·6	*299·0*	+1·3	31	− 10
656a	Tengyueh	25 0	98 40	1634	837·2	1014·0	..	292·5	296·5	3rd	279·1	275·0	25th	285·8	285·2	−0·2	27	− 20
657	Phu Lien	20 48	106 38	116	..	1017·2	−0·1	299·3	302·9	5th	290·7	288·0	9th	295·0	294·1	−0·2	7	− 54
658	Moncay	21 31	107 58	9·0	..	1017·3	0·0	298·4	301·6	5th	288·7	285·4	18th	293·5	*292·7*	−0·7	31	− 42
659	Hongkong	22 18	114 10	33·2	..	1017·3	−0·3	297·1	300·8	25th	291·5	288·2	7th, 19th	294·3	293·6	−0·2	105	+ 61
660	Amoy	24 26	118 4	4·9	1019·4	1020·0	+0·5	296·9	300·0	4th	290·4	286·0	7th	293·7	293·0	−0·6	52	+ 20
661	Taihoku, Formosa	25 2	121 31	9·3	1017·5	1018·6	−0·2	297·1	302·3	23rd	288·6	279·6	20th	292·9	292·4	−0·3	56	− 10
661a	Basco	20 28	121 59	18·7	..	1013·2	−0·1	299·5	302·7	5th	295·9	292·8	30th	297·7	297·4	+0·2	319	− 24
662	Naha	26 12	127 39	29·5	1014·0	1017·5	−0·1	296·4	300·5	5th	291·3	286·7	20th	293·9	293·7	0·0	211	+ 74
665	Titizima (Bonin Islands)	27 5	142 11	4·3	1014·7	1015·1	−1·1	298·2	302·2	12th	293·3	287·7	25th	295·7	295·7	0·0	358	+215
		N.	E.															

NOVEMBER - ZONE 7

BETWEEN LATITUDE 20° N. AND 10° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
715	Colima	19 12	103 45	498	957·4	1013·4	+0·6	305·6	308·0	12th	287·3	282·2	28th	296·5	*295·7*	−1·0	0	− 24
716	Morelia	19 42	101 7	1923	811·6	1014·4	+0·9	294·7	296·7	30th	281·6	276·0	27th	288·1	*287·4*	−0·2	0	− 20
717	Mexico, Tacubaya	19 24	99 12	2309	777·1	..	+1·1	293·7	297·5	2nd	278·0	271·5	16th	285·9	285·4	−0·9	25	+ 9
718	Salina Cruz	16 12	95 12	56	1006·8	1013·2	+0·1	302·5	304·5	4th	294·5	291·8	28th	298·5	*299·2*	+0·3	0	− 19
719	ø San Salvador	13 42	89 13	682	938·6	1014·6	+1·9	306·2	308·6	22nd	288·7	286·2	5th, 6th	297·5	295·6	−0·3	0	− 37
720	Belize	17 31	88 11	5·2	1016·2	1016·8	+1·7	301·1	303·3	3rd	293·4	290·8	14, 21, 27	297·3	*296·8*	−1·1	87	−120
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1012·0	−0·3	302·2	304·7	13th	295·8	292·2	21st	299·0	*298·7*	+0·1	198	+101
722	Port au Prince	18.33	72 20	37·4	1007·9	1012·1	−1·0	304·2	306·1	13th	295·4	293·9	19th	299·8	*299·0*	+0·4	51	− 36
723	Caracas	10 30	66 55	1043	896·7	1010·5	..	297·8	300·0	12th	288·7	285·8	28th	293·2	*292·5*	−0·1	146	+ 61
724	San Juan, Porto Rico	18 29	66 7	25·0	1009·8	1012·5	−1·0	301·8	304·1	3rd	296·4	295·2	18th	299·1	*298·8*	+0·4	144	− 31
724a	Grenada (Richmond Hill)	12 5	61 46	188	992·7	1014·0	..	303·4	304·7	17th	295·8	294·1	21st	299·6	*299·0*	+0·2	133	− 82
725	Barbados	13 8	59 36	57·9	..	1011·0	−0·9	301·9	303·0	1st	295·8	294·7	24, 26, 27	298·9	*298·7*	−0·2	228	+ 60
731	São Vicente, C. Verde Is.	16 54	25 4	11	1011·8	1013·0	−0·7	299·0	302·5	1st	..	..	..	..	‡*297·3*	−0·4	70	+ 63
732	ø San Tiago, C. Verde Is.	14 54	23 31	34	..	..	..	300·1	304·4	2nd	..	..	..	..	*298·5*	..	72	+ 65
733	Dakar	14 40	17 26	32	1007·0	1010·7	..	302·7	306·8	2nd	295·9	293·0	19th	299·3	*298·8*	0·0	30	+ 27
734	ø Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	303·0	306·9	9th	290·8	285·8	17th	296·9	297·1	−2·3	9	− 4
735	Bamako	12 39	7 58	340	972·7	1010·7	..	306·7	311·4	30th	293·8	291·0	24th	300·3	*299·8*	..	21	..
736	Kabara	16 45	W. 3 1	273	..	..	..	305·7	312·2	13th	289·4	282·6	16th	297·5	*297·0*	..	0	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	311·1	312·4	3rd	293·1	290·8	8, 14, 21	302·1	*301·6*	+1·7	0	0
738	Kaduna Capital	10 32	7 25	584	940·5	1003·8	..	307·3	308·6	11, 12, 28	291·4	288·0	9th	299·3	*298·8*	+0·9	6	+ 1
739	Bilma	18 41	12 55	356	..	..	..	309·2	311·8	4th	282·4	279·6	16th	295·8	..	..	0	..
740	Maiduguri	11 47	13 11	361	..	..	..	312·2	313·0	Sev. dates	..	..	..	..	‡*304·6*	+3·0	0	0
741	El Fasher	13 32	25 18	730	927·0	1006·7	..	..	..	..	289·0	286·5	9, 12, 23	..	*297·5*	+1·6	0	0
743	El Obeid	13 11	30 14	563	945·6	1007·1	−1·9	309·2	310·6	1st	293·5	290·5	25th	301·3	*300·8*	+3·0	0	0
743a	Khartoum	15 37	32 33	380	965·6	1007·4	−2·5	310·7	312·5	3rd	294·8	292·5	18th	302·7	*302·6*	+1·9	0	0
744	Port Sudan	19 37	37 13	5·5	1013·0	1013·6	+1·0	303·6	305·5	21st	295·6	292·7	8th	299·6	*299·4*	−0·7	27	− 19
745	Berbera, Somaliland	10 26	45 2	13·8	1011·5	1013·0	−0·9	303·1	304·1	1, 6, 15	294·5	292·4	20th	298·8	*299·4*	−0·9	0	− 4
746	Aden	12 49	45 2	29·9	1010·3	1013·8	−1·0	304·9	308·0	4th, 5th	296·3	295·2	Sev. dates	300·6	*300·0*	+1·1	5	+ 3
751	Bombay	18 54	72 49	11·3	1011·9	1013·2	−0·5	305·4	307·4	1st, 7th	296·3	294·7	18th	300·8	299·9	+0·8	0	− 10
752	Kodaikanal	10 14	77 28	2343	771·7	..	+0·2	288·6	291·3	14th	281·7	278·6	19th	285·2	284·7	−0·2	188	− 19
752a	Bangalore	12 58	77 35	921	911·7	1012·6	0·0	301·1	303·6	23rd	290·2	286·9	30th	295·7	*295·1*	+1·2	5	− 70
753	Madras	13 4	80 15	6·7	1011·7	1012·5	−0·4	302·3	303·6	5 days	295·4	291·3	18th	298·9	*298·5*	+0·1	146	−216
754	Vizagapatam	17 42	83 18	38·4	1009·2	1013·6	−0·4	301·7	302·4	Sev. dates	295·3	292·4	30th	298·5	*298·1*	0·0	62	− 33
755	Port Blair	11 40	92 43	18·0	1008·8	1010·8	−0·9	302·3	304·1	2nd, 7th	298·6	297·4	Sev. dates	300·4	*300·0*	−0·2	269	+ 27
756	Kangoon	16 46	96 11	5·5	1012·0	1012·7	−0·7	304·1	305·8	5 days	295·6	292·4	30th	299·9	299·0	+0·2	97	+ 26
757	Cap St. Jacques	10 20	107 5	180	..	1011·2	..	301·3	303·3	2nd	295·9	294·6	22nd	298·6	*298·2*	+0·2	7	− 73
758	Nhatrang	12 15	109 12	3·6	..	1011·0	..	301·6	304·4	28th	295·0	291·8	23rd	298·3	297·9	−0·1	112	−273
759	Iba	15 20	119 58	4·8	..	1008·8	−0·1	305·4	306·8	5th	295·2	292·5	14th	300·3	*299·6*	+0·5	65	− 28
761	Vigan	17 34	120 23	12·2	..	1009·0	−0·8	303·6	306·2	2nd	295·3	292·3	12th	299·5	299·3	−0·5	6	− 30
761a	Manila	14 35	120 59	10·1	..	1009·7	−0·1	303·6	305·6	4th	294·9	291·8	21st	299·3	298·6	−0·2	87	− 50
762	ø Ormoc	11 0	124 36	5·6	..	1007·3	−0·7	304·8	306·0	5, 6, 7	..	..	..	..	*299·5*	+0·5	270	+ 15
765	Guam, Ladrone Is.	13 24	144 38	18·6	..	1008·3	+0·3	303·3	304·3	15, 16, 17	297·8	295·6	8th	300·5	*300·5*	+0·3	195	+ 5
766	Saipan	15 14	145 46	207	986·8	1006·9	..	301·9	302·5	2nd	297·0	294·7	7th	299·5	299·0	..	80	..
		N.	E.															

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

‡ See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

ø Change of normals, see Table of Authorities, pages 105-15.

NOVEMBER - ZONE 8

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1009·9	1010·5	+0·2	304·5	305·2	Sev. dates	297·7	296·9	1, 9, 25	301·1	*300·6*	−0·4	8	− 71
821	Cristobal	9 23	79 54	11·0	..	1010·7	+0·1	301·7	304·7	2nd	296·4	294·1	27 th	299·1	298·5	−0·3	1094	+568
822	Bogota	4 36	74 5	2645	746·3	..	+0·8	290·7	292·8	29 th	283·3	281·6	9 th	287·0	*286·3*	−0·5	232	+115
822a	Merida, Venezuela	8 36	71 9	1641	840·5	..	..	294·9	296·8	24th	288·0	286·7	22nd	291·4	*290·6*	−0·6	297	+ 88
823	ø Ciudad Bolivar	8 9	63 33	38	1002·9	1007·2	−2·2	304·1	305·1	29 th	296·5	294·8	24th	300·3	*299·8*	−0·6	45	− 38
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1009·3	−1·7	302·8	304·1	2nd, 5th	297·2	294·7	27 th	300·0	*299·6*	−0·1	264	+110
826	Paramaribo	5 49	55 9	3·7	1009·7	1010·1	−1·5	304·7	307·1	2nd	296·1	295·2	22nd	300·4	*299·8*	−0·4	309	+187
826a	Cayenne	4 54	52 21	6	1009·0	1009·7	..	303·5	305·9	1st	297·0	295·4	13th	300·2	*300·0*	−0·3	139	+ 22
831	10° - 5° N., 30° - 25° W.	‡‡7 34	‡‡ 27 44	§(34-43	..	1011·4	−0·1	..	..	Sea Temp. 300·1	+0·3	..	..	..	*299·4*	0·0	..	..
833	Konakri	9 31	13 43	12·5	1009·3	1010·8	..	302·7	305·2	2nd	295·4	293·3	22nd	299·1	*298·6*	−0·8	224	+ 98
834	Freetown, Sierra Leone	8 29	13 14	55·0	1004·3	1010·6	+0·4	302·1	304·7	13th	..	..	..	..	‡*299·2*	..	333	+203
835	Assuantsi	5 18	1 15	97·3	997·7	1008·8	..	302·8	304·1	1, 6, 25	294·1	292·4	7 th	298·4	*297·8*	−0·2	104	+ 14
836	Accra	5 33	W. 0 12	17·7	1008·8	1010·8	+0·1	304·4	305·8	19 th, 25th	296·7	294·1	7 th, 27 th	300·5	*300·0*	+0·6	46	+ 12
837	Lagos	6 27	E. 3 24	1·8	1009·6	1009·9	+0·2	303·4	304·7	21st	297·0	294·1	6 th	300·2	*299·8*	−0·4	135	+ 67
838	Victoria, Nigeria	4 1	9 12	15·5	1009·7	1011·5	..	302·7	305·2	14th	292·9	290·8	2nd	297·8	*297·2*	..	163	+ 65
839	Yola	9 12	12 30	259	..	..	..	309·1	310·8	18, 25, 26	295·9	293·6	3rd, 11th	302·5	*302·0*	+1·5	0	− 4
841	Barumbu	1 11	23 30	?450	..	..	..	302·9	307·2	12th	292·4	290·8	27 th	297·7	*297·0*	..	199	..
842	Wau	7 42	28 3	440	957·6	1006·0	−2·3	308·6	311·0	29 th	293·7	290·5	25th	301·1	*300·6*	+1·7	15	− 3
843	Malakal	9 35	31 37	394	963·9	1007·4	−1·3	308·2	310·5	25th	294·6	291·7	25th	301·4	*300·4*	+1·2	43	+ 31
843a	Juba	4 53	31 35	475	954·8	1007·2	..	309·1	311·5	28 th	292·0	289·5	28 th	300·5	*299·7*	..	2	..
844	Kampala (Kololo Hill)	0 20	32 36	1312	867·5	1006·3	..	300·7	303·0	10 th	290·1	288·2	24th	295·4	294·5	..	23	..
845	Baidoa	3 7	43 39	480	959·1	1012·4	..	305·0	307·0	22, 24, 29	293·0	292·0	20, 21, 24	299·0	..	..	13	..
846	Sheikh	9 55	45 15	1463	..	..	..	295·4	296·3	Sev. dates	284·0	281·9	3rd	289·7	..	..	0	− 32
851	Minicoy	8 18	73 0	2·7	1011·5	1011·8	−0·2	302·7	303·6	Sev. dates	297·4	294·7	19 th	300·1	299·7	..	119	− 15
851a	Cochin	9 58	76 14	2·7	1011·6	1011·9	−0·1	302·6	304·1	Sev. dates	296·8	295·2	18 th	299·7	*299·3*	−0·6	171	+ 5
852	Colombo Observatory	6 54	79 52	7·3	..	1009·9	+0·1	302·0	304·7	23rd	293·4	293·2	17 th	298·7	*298·3*	−1·0	221	− 78
853	Nuwara Eliya	6 58	80 46	1881	813·4	1011·7	−0·2	292·4	294·6	2nd	283·1	275·3	16th	287·8	287·2	−0·3	104	− 36
854	Trincomalee	8 35	81 15	30·2	..	1009·5	+0·1	301·4	304·0	17 th	296·9	294·6	17 th	299·1	*298·7*	−0·6	274	− 85
855	Koetaradja	5 32	95 20	7·1	..	..	..	..	..	..	..	..	..	..	..	..	622	+442
856	Medan	3 35	98 41	25·0	..	1009·0	−1·1	302·3	305·4	14th	295·1	293·7	19 th	298·7	*298·1*	+0·1	278	+ 31
857	Butterworth	5 25	100 22	2·1	..	1008·6	..	302·4	304·7	16 th	295·9	294·1	16 th	299·2	298·5	..	247	..
858	Singapore (Mt. Faber)	1 16	103 49	90·5	..	1008·9	−0·3	302·6	304·7	Sev. dates	295·4	294·1	20 th, 22nd	299·0	298·3	..	232	..
859	Sandakan	5 50	118 7	55·5	1002·4	1008·7	..	304·3	305·2	Sev. dates	296·7	295·2	16 th	300·5	*300·0*	+0·3	289	− 85
860	Iwahig	9 44	118 38	14·3	..	1007·0	−0·8	303·6	305·5	19 th	296·0	294·6	13th	299·8	*299·5*	+0·4	262	− 43
861	Tagbilaran	9 38	123 51	21·3	..	1007·5	−0·8	304·0	306·4	8 th	296·8	295·6	13th	300·4	299·5	+0·1	262	+ 68
861a	Menado	1 30	124 50	8·5	..	..	..	..	..	..	..	..	..	..	..	..	348	+129
862	Surigao	9 48	125 29	6·0	..	1007·9	−0·6	303·3	306·4	4 th	296·7	294·7	3rd	300·0	299·4	+0·2	466	+ 41
863	Kolonie, Yap	9 29	138 8	29·3	..	1009·1	+1·1	303·1	305·3	11 th	297·4	295·6	17 th	300·3	299·8	−0·2	273	+ 18
864	Palau	7 20	134 29	31·8	1004·7	1008·4	−0·3	302·9	304·1	28 th	297·7	296·1	25th	300·3	299·8	−0·3	279	− 9
867	Ponape	6 58 N.	158 13 E.	38·9	1004·3	1008·7	..	302·1	303·8	6 th	295·8	293·7	13th	298·9	298·9	..	436	..

NOVEMBER - ZONE 9

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station	Latitude S. ° ′	Longitude W. ° ′	Height metres	PRESSURE* Mean at level of Station mb.	PRESSURE* Mean at M.S.L. mb.	PRESSURE* Diff. from Normal mb.	TEMPERATURE Mean Max. A °A.	TEMPERATURE Absolute Max. °A.	TEMPERATURE Date	TEMPERATURE Mean Min. B °A.	TEMPERATURE Absolute Min. °A.	TEMPERATURE Date	TEMPERATURE Mean of A and B °A.	TEMPERATURE †24 hr. Mean* °A.	TEMPERATURE Diff. from Normal °A.	PRECIPITATION Total mm.	PRECIPITATION Diff. from Normal mm.
902	Atafu	8 32	172 31	1·8	..	1010·5	..	302·8	304·0	10 th, 19 th	299·0	297·1	5th	300·9	*300·6*	..	63	..
920	Lambayeque	6 46	79 55	15	1011·6	1013·4	..	299·7	302·0	23rd, 27 th	289·9	287·4	4 th	294·8	293·8	..	0	..
921	Quito	0 13	78 30	2816	726·5	..	−1·1	293·3	296·6	12th	280·8	276·4	2nd	287·1	285·2	−0·5	87	− 31
923	Senna Madureira	9 4	68 40	135	993·8	1009·1	..	306·9	310·0	9 th	294·4	289·6	11 th	300·6	*299·1*	..	165	..
923a	Sao Gabriel do Rio Negro	0 8	67 5	85	999·4	1009·0	..	304·3	307·5	19 th	295·2	293·3	7 th	299·8	*298·7*	..	259	..
924	Manaos	3 8	60 1	43·8	1004·3	1009·2	..	304·3	307·0	29 th	295·3	293·5	21st	299·8	*299·4*	−0·9	194	+ 52
925	Parintins	2 38	56 44	18	..	..	..	..	..	..	..	..	..	..	..	..	223	..
926	Taperinha	2 30	54 20	21·5	1006·7	1009·0	−0·8	304·5	306·6	3rd, 28 th	295·6	293·6	19 th	300·0	*299·0*	−0·6	140	+ 88
927	Turyassu	1 43	45 26	9·1	1007·9	1009·1	−1·2	305·2	306·8	1st	295·2	292·6	17 th	300·2	*300·1*	0·0	72	+ 57
928	Barra do Corda	5 30	45 16	81·0	1004·0	1013·5	..	305·5	309·0	18 th	294·8	293·7	23rd, 27th	300·2	299·2	−0·4	108	+ 26
929	ø Quixeramobim	5 16	39 15	199	987·4	1009·6	−1·5	306·4	307·9	18 th	298·0	296·8	11 th	302·2	*301·8*	+0·3	1	− 4
930	Fernando Noronha	3 50	32 25	106	999·0	1010·8	−1·3	301·4	302·1	12 th	297·1	296·0	13 th	299·2	*298·8*	+0·5	5	− 2
934	Ascension Island	7 56	W. 14 25	16·8	1011·5	1013·3	−1·2	300·6	301·3	Sev. dates	294·5	293·6	7, 20, 25	297·5	297·2	0·0	3	− 2
939	Loanda	8 49	E. 13 13	59·3	..	1010·5	−0·9	301·9	303·7	3rd	295·9	295·0	3rd	298·9	298·0	+0·4	4	− 25
940	Brazzaville	4 17	15 16	320	..	..	..	..	..	..	..	..	..	..	..	..	..	..
942	Tshibinda	2 19	28 45	2115	..	..	..	294·3	297·0	16 th	283·3	281·1	3rd	288·8	*289·5*	..	176	..
943	Masaka	0 20	31 44	1280	..	..	..	300·4	302·0	12 th	288·8	287·2	5 th	294·6	*293·9*	..	86	− 15
944	Nairobi (Kabete Obs.)	1 16	36 48	1820	820·3	1010·5	..	295·3	298·2	11 th	285·9	282·8	2nd	290·6	289·7	..	123	..
944a	Zanzibar (Chukwani Palace)	6 15	39 13	21	1009·4	1011·8	..	303·3	305·2	11 th	296·3	295·3	1st	299·8	299·0	..	254	..
945	Afmadu	0 30	42 4	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
947	Seychelles, Port Office	4 37	55 27	4·6	1011·1	1011·6	−0·2	301·6	302·4	8 th	296·3	294·7	12 th	298·9	298·2	−0·2	297	+ 32
957	Padang	0 56	100 22	6·7	..	1009·8	−1·0	302·5	304·5	15 th	296·1	294·9	14 th	299·3	*298·7*	−0·3	446	− 72
958	Batavia	6 11	106 50	8·0	1008·0	1008·9	−0·8	304·0	306·0	19 th	296·5	294·7	17 th	300·2	299·5	+0·1	88	− 51
958a	Pontianak	0 1	109 20	2·6	..	1009·6	−0·4	304·2	306·4	3rd	296·8	295·8	20 th	300·5	*299·6*	+0·4	349	− 48
959	Pasoeroean	7 38	112 55	5·0	..	1008·2	−1·3	304·6	305·9	2nd	296·9	295·1	1st	300·7	*300·2*	−0·4	175	+ 65
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	487	+285
962	Amboina	3 42	128 10	4·2	..	1008·0	−0·9	304·5	306·6	26 th	297·6	296·0	10 th	301·1	*300·4*	+0·9	93	− 21
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	116	− 46
965	Daru	9 4	143 13	7·6	..	1008·3	−1·8	303·4	..	..	297·4	..	..	300·4	*300·0*	+0·1	266	+159
966	Port Moresby	9 29	147 9	38·4	..	1008·4	−1·6	304·2	..	..	297·6	..	..	300·9	*300·5*	+0·3	86	+ 40
967	Rabaul	4 9	152 12	12·5	1006·4	1007·9	−0·4	306·3	308·9	30 th	296·0	294·8	27 th	301·2	*300·5*	+0·3	44	−124
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	303·6	305·2	22, 26, 29	296·9	294·7	7 th	300·3	*300·1*	−0·5	510	+252
970	Ocean Island	0 52	169 35	42·6	1004·5	1009·5	−0·5	306·0	307·4	7 th, 15 th	298·1	296·3	30 th	302·1	*301·3*	+0·9	6	−127
972	Funafuti, Ellice Is.	8 30 S.	179 13 E.	2·4	1008·1	1008·3	..	306·0	308·0	24 th, 29 th	298·4	296·9	2nd, 10 th	302·2	*301·7*	..	90	..

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

§Number of observations.

†Estimates not based on at least six equally spaced observations each day are in italics.

øChange of normals, see Table of Authorities, pages 105-15.

††Mean latitude and longitude of the observations.

NOVEMBER - ZONE 10

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

No.	Name of Station	Latitude S. °	Longitude W. °	Height metres	PRESSURE* Mean at level of Station mb.	PRESSURE* Mean at M.S.L. mb.	PRESSURE* Diff. from Normal mb.	TEMPERATURE Mean Max. A °A.	TEMPERATURE Absolute Max. °A.	TEMPERATURE Date	TEMPERATURE Mean Min. B °A.	TEMPERATURE Absolute Min. °A.	TEMPERATURE Date	TEMPERATURE Mean of A and B °A.	TEMPERATURE †24 hr. Mean* °A.	TEMPERATURE Diff. from Normal °A.	PRECIPITATION Total mm.	PRECIPITATION Diff. from Normal mm.
1001	Vavau	18 39	173 59	9·1	1010·8	1011·8	..	301·9	303·6	17 th	295·9	292·6	13th	298·9	298·5	..	186	..
1002	Apia, Samoa	13 48	171 46	2·0	..	1009·8	+0·5	302·5	303·9	3rd, 20 th	296·3	294·6	22nd	299·4	298·9	−0·5	321	+ 71
1003	Alofi, Niue Is.	19 2	169 55	19·8	..	1012·7	+0·5	303·3	305·2	28 th	294·4	290·8	20 th	298·9	*298·7*	+0·7	187	+ 46
1004	Pukapuka, Danger Is.	10 53	165 54	2·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1005	Aitutaki, Cook Is.	18 53	159 46	3·0	..	..	..	302·2	304·7	21st	295·6	294·7	5 days	298·9	*298·5*	..	..	..
1007	Papeete (Hamuta)	17 32	149 33	5·0	1011·6	1012·1	..	302·8	304·7	21st, 23rd	294·6	293·1	7 th	298·7	*298·2*	..	82	..
1021	Lima	12 5	77 3	111	1001·9	1015·0	..	295·8	298·1	21st	288·1	286·2	15 th, 26 th	292·0	290·8	..	0	..
1022	Arica	18 28	70 20	29	1012·2	1015·6	..	295·5	296·6	30 th	286·9	284·0	6 th	291·2	*291·1*	+0·1	0	0
1024	La Paz, Bolivia	16 30	68 8	3658	656·6	..	−0·7	293·0	296·2	7 th	277·7	275·8	17 th	285·3	*284·2*	−0·4	7	− 41
1025	ø Corumba	18 59	57 39	116	994·8	1007·9	+0·2	306·5	311·5	28 th	293·0	287·2	10 th	299·8	*299·2*	−0·7	110	− 16
1026	Cuyaba	15 36	56 6	165	989·2	1007·9	−0·7	306·7	310·0	17 th	294·1	288·4	10 th	300·4	*299·7*	−0·4	82	− 69
1027	Bello Horizonte	19 56	43 57	895	912·0	1010·3	−1·0	300·4	304·4	30 th	289·6	285·0	10 th	295·0	*294·2*	−0·1	205	− 24
1028	Caetite	14 3	42 37	897	914·7	1013·2	+0·8	298·5	304·3	1st	289·4	286·1	11 th	294·0	*294·0*	−1·7	321	+186
1029	ø Ondina (Bahia)	13 0	38 31	64	1004·2	1011·5	−0·7	300·8	303·0	9 th	294·8	293·5	22nd	297·8	*297·6*	−0·6	155	+ 14
1030	ø Aracaju	10 55	37 3	6·1	1010·3	1011·1	−2·1	301·8	303·6	10 th	295·8	292·4	30 th	298·8	*298·7*	0·0	28	− 3
1035	ø St. Helena	15 57	W. 5 40	604	946·2	1016·1	−0·6	288·8	291·3	14 th, 29 th	285·3	284·7	3, 13, 23	287·1	*287·1*	−0·6	53	+ 23
1039	Mossamedes	15 12	E. 12 9	12·5	1010·9	1012·4	..	296·1	299·2	17 th	289·3	287·0	15 th	292·7	..	..	0	− 3
1041	Livingstone	17 50	25 49	972	904·7	1009·4	..	304·2	307·9	11 th	292·3	289·7	11 th	298·3	..	−0·5	147	+ 24
1041a	Elisabethville	11 40	27 29	1230	874·7	1005·5	−1·7	302·6	306·1	13th	288·9	286·0	13th	295·7	..	−0·9	177	+ 87
1042	Gwelo	19 26	29 45	1411	861·8	1011·6	..	299·8	306·3	1st, 2nd	289·1	284·7	7 th	294·4	..	−0·9		
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	852·6	1010·6	−0·5	299·2	305·9	2nd	288·6	285·0	7 th	293·9	292·8	−0·7	236	+145
1044	Zomba	15 23	35 18	921	..	..	..	303·3	306·9	2nd	292·4	288·6	8 th, 19 th	297·9	297·2	+0·7	97	− 32
1045	Mossuril	14 57	40 40	15	..	1012·5	−0·9	305·8	307·9	2nd	296·1	294·0	5 th, 15 th	300·9	300·6	0·0	0	− 19
1046	Antananarivo	18 55	47 33	1375	865·8	1013·5	+0·7	301·1	305·0	24 th, 27 th	286·0	283·1	3rd, 14th	293·5	292·2	−0·5	33	− 97
1046a	Tamatave	18 9	49 22	7	..	1016·8	..	302·0	303·3	5th	293·3	291·6	4 th, 10 th	297·7	*297·1*	..	66	..
1047	Vohemar	13 24	50 2	2	..	1014·5	..	301·8	303·0	27 th, 28 th	294·5	293·0	4 th	298·1	297·6	..	78	..
1048	Antalaha	14 53	50 15	4	..	1013·6	..	301·3	304·0	28 th	294·1	292·0	12 th, 15 th	297·7	297·2	..	165	..
1055	Cocos, Keeling Is.	12 5	96 53	4·6	..	..	..	301·1	303·1	20 th	297·7	295·6	6 th	299·4	*299·1*	−0·3	490	+385
1057	Christmas Island	10 25	105 43	5·5	1007·0	1007·7	−1·3	302·5	304·1	5, 17, 18	296·5	295·2	10 th	299·5	*299·1*	−0·7	259	+ 50
1061	Koepang	10 10	123 34	45·1	..	1009·0	−0·6	306·3	308·1	9 th	297·3	296·3	5 th	301·8	*301·3*	+0·5	37	− 53
1061a	Derby	17 18	123 40	16·2	1006·3	1008·1	−1·4	309·7	314·1	20 th	297·5	292·6	21st	303·6	..	−0·1	0	− 25
1062	Hall's Creek	18 13	127 46	373	967·1	1007·5	−1·3	310·7	313·3	24 th	294·5	285·2	12 th	302·7	302·0	−0·9	0	− 39
1063	Darwin	12 28	130 51	29·6	1004·8	1008·1	−0·6	306·3	307·8	1st	298·3	295·3	9 th	302·3	*301·1*	−0·6	145	+ 28
1064	Daly Waters	16 16	133 23	211	983·6	1006·6	−1·4	311·8	315·8	17 th	295·2	289·1	14 th	303·5	*302·8*	−0·8	89	+ 33
1065	Palmerville	15 56	144 8	210	985·3	1008·5	−0·5	307·2	309·9	7 th, 9 th	293·9	287·7	4 th	300·6	..	−0·8	146	+ 88
1066	Georgetown, Queensland	18 22	143 32	302	976·4	1009·9	−0·3	307·7	311·3	25th	..	..	..	..	..	−0·8	202	+159
1066a	Willis Island	16 18	149 59	8·5	1008·8	1009·8	−1·2	302·1	304·0	26th	297·4	295·3	3rd	299·8	*299·9*	−0·1	37	0
1067	Samarai	10 37	150 40	6·1	..	1010·4	+0·7	305·5	..	..	296·9	..	..	301·2	*301·0*	+1·6	170	− 8
1070	Vila, New Hebrides	17 44	168 19	27·4	1006·3	1009·5	..	300·4	303·0	17 th	293·0	292·0	3rd	296·7	*296·2*	..	300	..
1071	Rotuma, Fiji	12 30	177 0	3·7	1010·7	1011·1	0·0	303·1	304·1	24 th, 30 th	296·6	294·1	7 th	299·9	299·7	..	191	..
1072	Suva, Fiji	18 8 S.	178 26 E.					302·7	305·2	3rd, 17 th	295·6	293·6	14 th	299·1	*298·9*	+1·0	375	+126

NOVEMBER - ZONE 11 (AMERICA, AFRICA)

BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude S. ° ′	Longitude W. ° ′	Height metres	PRESSURE* Mean at level of Station mb.	PRESSURE* Mean at M.S.L. mb.	PRESSURE* Diff. from Normal mb.	TEMPERATURE Mean Max. A °A.	TEMPERATURE Absolute Max. °A.	TEMPERATURE Date	TEMPERATURE Mean Min. B °A.	TEMPERATURE Absolute Min. °A.	TEMPERATURE Date	TEMPERATURE Mean of A and B °A.	TEMPERATURE †24 hr. Mean* °A.	TEMPERATURE Diff. from Normal °A.	PRECIPITATION Total mm.	PRECIPITATION Diff. from Normal mm.
1101	Nukualofa, Tonga	21 8	175 12	3·0	1012·7	1013·0	..	300·6	302·2	6th	294·4	289·7	13th	297·5	*297·1*	..	94	..
1105	Rarotonga (Avarua)	21 12	159 46	6·1	..	..	..	300·4	302·4	25th	293·1	290·8	4, 5, 16	296·8	*296·6*	+0·1	174	+ 20
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1014·0	1016·8	+1·0	290·8	292·8	7 th	285·6	283·7	6 th	288·2	*287·8*	−0·2	0	− 1
1122	Antofagasta	23 42	70 24	94	1005·0	1016·1	+0·4	292·9	295·0	27 th	287·1	284·0	2nd	290·0	*289·8*	−0·6	0	0
1123	Catamarca	28 29	65 47	528	..	..	..	..	..	..	..	..	..	..	..	..	46	+ 11
1124	Salta	24 46	65 24	1173	881·7	1008·4	+0·7	300·9	306·3	27 th	284·8	280·7	19 th	292·8	293·1	−1·1	37	− 21
1125	Goya	29 9	59 15	37	1008·1	1012·4	+1·7	304·8	314·0	27 th	289·0	282·0	3rd	296·9	*297·3*	+1·8	29	− 75
1126	Asuncion	25 17	57 41	139	997·8	1013·6	+3·6	306·1	312·1	27 th	292·1	284·5	4 th	299·1	*298·5*	+0·6	121	− 22
1127	Curityba	25 25	49 17	908	912·3	1013·5	+0·3	297·6	304·8	28 th	284·3	275·5	11 th	291·0	*289·6*	−1·3	58	− 68
1128	Rio de Janeiro	22 54	W. 43 10	18·3	1010·7	1012·9	+0·4	296·6	304·2	8 th	292·2	288·0	4 th	294·4	294·3	−1·6	75	− 28
1139	Windhoek	22 34	E. 17 6	1727	830·2	1009·8	..	301·7	304·2	12th	286·9	281·4	10 th	294·3	*294·0*	−1·0	6	− 15
1140	ø O'Okiep	29 36	17 52	933	909·0	1011·9	−0·1	299·2	307·0	6 th	286·3	280·4	30 th	292·7	*292·5*	+0·6	12	+ 7
1141	Kimberley	28 44	24 46	1218	878·5	1009·3	−0·3	301·8	306·8	13th	288·1	283·0	2nd	294·9	*294·2*	−0·5	84	+ 47
1141a	Johannesburg	26 11	28 4	1806	823·1	1014·1	−0·2	295·1	299·7	8 th	284·1	279·7	5 th	289·6	*289·2*	−1·0	277	+151
1142	Bulawayo	20 9	28 35	1349	866·6	1011·1	−0·1	299·4	305·2	1st	289·2	284·7	7 th	294·3	293·1	−1·2	122	+ 38
1143	Durban	29 52	31 3	15·2	1013·9	1015·7	−0·7	297·1	301·4	17 th	291·8	288·1	4 th	294·5	*294·0*	−0·2	161	+ 35
1144	Lourenço Marques	25 58	32 36	59·5	..	1014·7	−0·7	301·7	308·1	22nd	292·8	288·3	7 th	297·3	296·5	+0·2	70	− 10
1145	Tulear	23 20	43 40	6	..	1013·1	..	303·7	306·5	21st	292·8	288·5	1st, 2nd	298·3	..	..	0	..
1146	Fort Dauphin	25 1	46 58	14	..	1015·1	..	300·0	302·0	5th	294·0	290·9	1st	297·0	*296·6*	..

NOVEMBER - ZONE 11 (AUSTRALIA)

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1009·1	1009·6	−0·2	305·3	311·9	10th,15th	291·8	288·0	3rd	298·6	..	−1·1	0	− 1
1160	Cue	27 27	117 52	454	962·3	1012·6	+1·7	305·7	312·7	13th	290·9	284·4	15th	298·3	..	0·0	4	− 2
1161	Nullagine	21 53	120 5	386	966·9	1008·9	+0·8	309·6	312·4	25th	292·7	284·7	20th	301·1	..	−1·8	2	− 10
1162	Laverton	28 40	122 23	466	961·4	1013·8	+1·8	302·6	310·8	13th	288·1	283·0	4th	295·3	*295·1*	−2·4	9	− 8
1163	Alice Springs	23 38	133 35	579	945·8	1009·5	−0·6	303·8	311·9	16th	289·5	283·6	12th	296·7	*296·5*	−2·5	74	+ 49
1164	William Creek	28 55	136 21	76·2	1003·9	1012·5	0·0	303·3	317·1	1st	289·3	283·6	10th	296·3	*295·8*	−1·6	2	− 10
1164a	Boulia	22 55	139 38	146	991·7	1007·9	−0·8	308·1	314·2	16th	293·4	287·9	21st	300·7	*300·5*	−1·3	26	0
1165	Thargomindah	27 58	143 43	123	996·2	1010·1	−0·6	303·7	313·8	1st	292·5	286·8	10th	298·1	*297·7*	−1·2	55	+ 29
1166	Mitchell	26 32	147 52	336	974·4	1012·6	+1·1	299·9	306·3	3rd	289·4	282·1	10th	294·7	..	−2·4	201	+149
1167	Rockhampton	23 24	150 30	11·3	1011·6	1012·9	−0·3	300·8	305·9	23rd	292·5	288·4	4th	296·7	*296·2*	−1·9	131	+ 74
1168	Brisbane	27 28	153 2	41·8	1011·2	1015·8	+1·3	297·8	301·9	26th	290·4	287·2	3rd	294·1	*293·7*	−2·0	214	+119
1170	Norfolk Island	29 4 S.	167 59 E.	14·9	1015·5	1017·4	+0·4	294·9	296·9	21st,27th	289·4	284·7	1st,7th	292·1	*291·7*	−0·3	37	− 33

NOVEMBER - ZONE 12 — BETWEEN LATITUDE 30° S. AND 40° S.

		S.	W.															
1221	Juan Fernandez	33 37	78 52	6	1021·6	1022·3	+1·8	290·8	294·0	21st	285·3	283·4	9th	288·1	287·9	−0·2	17	− 25
1221a	Punta Tumbes	36 37	73 6	120	1003·1	1017·6	+1·1	288·8	292·4	8th	282·6	279·5	1st	285·7	*285·7*	−0·2	4	− 15
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1011·5	1016·4	+0·4	293·2	298·2	12th	284·0	282·0	3rd	288·6	*288·4*	−0·2	0	− 6
1222a	Santiago	33 27	70 42	520	955·3	1014·9	+0·6	298·8	303·9	8th	282·5	277·9	1st	290·7	*290·3*	+0·6	0	− 6
1223	Cordoba	31 25	64 12	423	963·1	1010·9	+0·1	303·4	312·9	25th	286·0	279·1	3rd	294·7	294·6	+1·4	50	− 51
1224	Bahia Blanca	38 45	62 16	28·7	..	..	..	..	..	..	..	..	..	..	..	..	27	− 26
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1010·5	1013·4	−0·2	298·0	306·0	25th	286·3	277·4	2nd	292·2	292·1	+0·3	53	− 28
1226	Montevideo (Prado)	34 52	56 12	24·9	..	1015·5	+2·5	297·2	305·2	25th	285·0	275·5	3rd	291·1	291·1	−0·3	92	+ 11
1226a	Porto Alegre	30 2 W.	51 13	23·5	1010·7	1013·4	+0·5	299·6	311·0	27th	288·1	281·5	4th	293·9	293·7	−0·2	36	− 43
1239	Cape Town	33 56 E.	18 29	12·2	..	1015·3	−0·1	297·4	306·0	6th	287·8	283·9	19th	292·6	*291·5*	+1·6	11	− 17
1240	Klaver	31 47	18 37	41·8	1010·1	1015·0	−2·1	301·9	312·7	6th	288·6	284·3	2nd	295·2	..	+0·8	3	− 8
1241	Riversdale	34 6	21 16	105	1007·3	1019·7	..	298·3	309·7	29th	284·8	278·6	4th	291·6	..	−0·5	55	+ 20
1242	♯ East London	33 1	27 54	45·4	1010·6	1016·0	+1·5	295·4	299·1	1st	289·1	285·8	12th	292·3	..	+0·5	122	+ 57
1259	Perth (Observatory)	31 57	115 51	60·0	1009·3	1016·4	+0·8	299·8	310·3	12th	288·1	281·7	2nd	293·9	*293·6*	+1·9	6	− 14
1260	Katanning	33 42	117 35	310	981·8	1017·9	+2·8	298·5	309·7	11th	282·9	275·9	2nd	290·7	..	0·0	15	− 2
1261	Coolgardie	30 57	121 10	423	967·0	1015·0	+1·8	300·4	310·8	13th	285·2	*279·4*	16th	292·8	*292·6*	−1·9	24	+ 9
1262	Eucla	31 45	128 58	4·6	1015·9	1016·5	+1·9	293·3	306·3	7th	285·7	279·7	**14th**	289·5	*288·9*	−2·2	36	+ 19
1263	Streaky Bay	32 48	134 13	13·1	1014·3	1015·8	+0·5	297·5	309·1	1st	285·2	*279·7*	9th,10th	291·3	*290·5*	−1·3	33	+ 17
1264	Adelaide	34 56	138 35	42·7	1010·8	1015·9	+0·7	298·6	311·2	1st	286·1	278·7	9th	292·3	*291·8*	−0·1	5	− 24
1265	♯ Melbourne	37 49	144 58	35·1	1012·3	1016·6	+2·2	295·6	303·9	1st	283·7	279·0	5th,16th	289·6	*289·4*	+0·5	62	+ 5
1266	Bourke	30 13	145 58	110	1002·4	1015·1	+0·8	302·9	311·3	2nd	289·3	283·0	10th	296·1	..	−2·4	36	+ 65
1267	♯ Sydney	33 51	151 13	42·1	1011·4	1016·4	+2·7	293·7	297·2	17th	287·8	283·0	5th	290·7	*290·4*	−1·7	115	+ 43
1268	Lord Howe Island	31 20	159 0	4·9	1015·3	1015·9	−0·4	295·5	298·5	21st	289·2	283·3	6th	292·3	..	−0·4	86	− 20
1271	Auckland	36 51	174 48	40·8	..	1017·3	+3·1	292·2	295·5	27th	285·5	282·2	10th	288·8	..	+0·1	63	− 22
1272	Napier	39 29 S.	176 55 E.	1·5	..	..	..	290·7	297·4	20th	282·9	276·4	23rd	286·8	..	−2·1	60	− 4

NOVEMBER - ZONE 13 — BETWEEN LATITUDE 40° S. AND 50° S.

		S.	W.															
1301	Chatham Island	43 57	176 31	45·7	1009·0	1014·4	+7·3	..	..	..	..	..	..	..	..	..	27	− 39
1321	Isla Guafo	43 34	74 45	140	1000·7	1017·7	+1·6	284·0	286·5	15th	280·3	277·5	1st	282·1	*282·1*	−0·5	52	− 17
1322	Punta Galera	40 1	73 44	40	1014·0	1018·9	+1·6	286·5	289·4	15th	281·5	276·8	27th	284·0	*284·2*	−0·6	103	− 2
1323	Sarmiento	45 33	69 1	272	976·7	1008·7	+0·4	293·2	299·0	30th	280·9	274·7	29th	287·0	286·7	−0·1	4	− 2
1324	Puerto Madryn	42 46 W.	65 2	14	1008·4	1010·1	+0·1	296·6	303·2	21st	284·1	275·2	29th	290·4	*289·3*	+0·3	0	− 9
1365	Launceston	41 27 E.	147 10	81·1	1007·9	1017·5	+7·1	294·6	301·3	28th	281·1	275·8	4th	287·9	*287·1*	+0·8	30	..
1366	♯ Hobart	42 53	147 20	53·9	1011·2	1017·7	+8·4	291·1	299·7	1st	281·7	276·8	4th,15th	286·4	*285·6*	−0·5	52	− 10
1369	Invercargill	46 25	168 21	3·7	..	..	..	288·6	295·2	4th	279·7	274·7	22nd	284·1	..	−0·3	65	− 46
1370	Alexandra	45 15	169 24	159	..	..	..	292·2	299·0	3rd	279·3	272·6	7th	285·8	285·5	..	40	..
1371	Dunedin	45 52	170 31	6·1	..	1015·5	+8·3	289·6	296·9	3rd	279·7	274·7	22nd	284·7	..	−0·1	126	+ 41
1371a	Christchurch	43 32	172 39	7·6	..	1015·2	+6·8	290·1	296·9	11th	280·9	275·4	23rd	285·5	..	−1·1	41	− 9
1372	Wellington	41 16 S.	174 46 E.	127	1000·4	1015·7	+5·0	289·9	295·3	3rd	281·7	274·7	23rd	285·8	285·0	−1·0	40	− 49

NOVEMBER - ZONE 14 — BETWEEN LATITUDE 50° S. AND 60° S.

		S.	W.															
1421	Islota de los Evangelistas	52 24	75 6	55	994·6	1001·3	−0·7	281·8	282·5	Sev.dates	279·7	278·1	2nd	280·7	*280·9*	+1·8	206	− 38
1422	Magallanes	53 10	70 54	8	999·6	1000·6	+0·2	284·6	288·2	16th	276·7	272·4	24th	280·7	*280·6*	−0·6	15	− 15
1423	Punta Dungeness	52 24	68 26	5	999·2	999·8	+0·4	283·7	286·4	17th,29th	274·5	273·4	9th	279·1	*280·0*	−2·1	11	− 1
1424	Santa Cruz	50 1	68 31	13	1003·2	1004·8	+1·7	289·7	296·2	3rd	278·3	273·4	27th	284·0	283·4	−1·4	28	+ 17
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	997·8	−3·6	282·6	287·4	17th	276·0	272·4	23rd,24th	279·3	..	−1·0	91	+ 41
1426	Cape Pembroke	51 41	57 42	21·3	995·1	997·7	−1·6	282·2	286·3	18th	275·8	272·4	24th	279·0	279·2	−0·5	..	..
1429	S. Georgia (Cumberland Bay)	54 16 S.	36 30 W.	4	987·8	988·3	−5·6	279·3	285·4	20th	272·9	268·9	13th	276·1	*275·8*	−0·1	74	− 14

NOVEMBER - ZONE 15 — BETWEEN LATITUDE 60° S. AND 70° S.

		S.	W.															
1527	South Orkneys	60 43	44 47	7	980·9	981·8	−7·1	271·4	276·5	14th	266·3	260·4	1st,7th	268·8	269·0	−1·8	49	+ 15
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

♯Change of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE
FOR THE MONTH OF DECEMBER 1933
BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

DECEMBER - ZONE 0

BETWEEN LATITUDE 90° N. AND 80° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
047	Calm Bay	80 20	52 48	5·9	1009·9	1010·7	..	..	272·5	..	..	240·3	..	..	*251·7*	..	4	..

DECEMBER - ZONE 1

BETWEEN LATITUDE 80° N. AND 70° N.

		N.	W.															
101	Wrangel Insel	70 58	178 33	3·0	1022·1	1022·5	+ 6·6	258·0	268·1	..	249·8	241·0	..	253·9	*254·0*	+ 2·4	5	− 1
105	Barrow	71 23	156 17	4·6	..	1027·4	+10·9	251·2	271·9	12th	243·2	235·2	18th	247·2	..	− 1·9	5	− 1
121	Pond Inlet	72 43	78 30	4·0	..	1009·8	..	244·5	257·4	7th	237·8	230·2	20th,23rd	241·2	*241·7*	− 3·0	1	..
125	Upernivik	72 47	56 7	19·2	999·0	1001·4	− 4·9	268·2	280·4	7th	262·3	256·0	22nd	265·3	*265·2*	+ 9·2	13	0
131	Myggbukta	73 29	21 34	3·2	..	1011·9	..	..	276·2	15th	254·6	239·1	19 th	..	*260·6*	..	39	..
132	Scoresbysund	70 29	21 58	16·9	1009·2	1011·4	+ 3·8	269·7	277·5	1st	262·6	252·0	20th	266·1	*265·4*	+ 4·5	..	..
135	Jan Mayen	70 59	W. 8 18	23·1	1008·2	1011·1	+ 9·9	..	278·6	4th	269·6	261·0	23rd	..	*272·4*	+ 2·4	37	− 12
139	Svalbard Radio	78 13	E.15 38	53·0	1004·1	1011·0	+ 4·0	..	278·2	1st	262·0	253·0	13th	..	*265·1*	..	25	..
140	Bjornoen	74 28	19 17	29·2	1006·4	1010·1	+ 6·5	..	276·4	3rd	265·8	258·2	10th	..	*268·8*	+ 0·2	14	− 26
141	Ingoy	71 4	24 9	4·3	1009·9	1010·4	+ 6·9	..	279·6	3rd	270·3	260·0	30th	..	*272·3*	− 0·6	80	+ 9
142	Sletnes	71 5	28 14	10·2	1008·7	1010·0	+ 5·1	..	278·4	2nd	268·0	256·9	30 th	..	*270·5*	..	70	..
143	Vardo	70 22	31 6	12·1	1008·3	1009·9	+ 4·4	..	277·8	3rd	267·4	255·0	31st	..	*269·7*	+ 0·9	106	+ 40
147	Malye Karmakouly	72 23	52 44	15·3	1005·1	1007·1	− 1·8	..	272·7	..	..	243·8	..	..	*259·1*	+ 0·1	5	− 11
148	Vaigatch	70 24	58 48	11·2	1006·7	1008·2	− 1·2	257·8	271·1	..	249·7	241·7	..	253·7	*253·7*	− 5·1	4	− 5
149	Russian Harbour	76 14	62 39	9·3	1005·6	1006·8	..	..	271·2	..	..	236·4	..	..	*256·7*	..	18	..
150	Cape of Desire (Zhelanya)	76 57	68 34	8·0	1006·0	1007·1	..	..	270·5	..	..	239·8	..	..	*252·8*	..	6	..
153	Dikson	73 30	80 23	13·0	1005·4	1007·2	− 6·0	251·9	268·2	..	243·6	236·2	..	247·7	*248·0*	− 1·5	4	− 1
162	Bulun	70 45	127 47	35	1018·4	1023·6	+ 2·9	..	256·5	..	..	223·4	..	..	*236·1*	− 1·6	..	..
165	Great Liakhov Is. (Cape Shalaurov)	73 11 N.	143 14 E.	7	1019·1	1020·1	..	..	255·9	..	..	236·1	..	..	*243·8*	..	3	..

DECEMBER - ZONE 2

BETWEEN LATITUDE 70° N. AND 60° N.

		N.	W.															
201	Cape Otto Schmidt	68 55	179 30	7·0	1021·5	1022·4	..	259·3	269·5	..	250·0	240·7	..	254·7	*254·4*	..	3	..
202	Savoonga	63 43	170 20	5·5	..	..	..	..	..	..	?262·8	?250·8	16th	..	..	..	1	..
203	Nome	64 30	165 24	6·7	1025·0	1025·4	+17·8	262·6	273·0	9th	256·5	243·6	16th	259·5	*259·7*	+ 1·1	27	− 1
204	Bethel	60 45	161 47	11·6	..	1025·4	+19·9	259·2	274·1	10th,14th	251·9	239·1	18th	255·6	..	− 4·1	6	− 16
205	Tanana	65 10	152 6	69·5	..	..	..	249·6	267·4	11th	238·3	224·7	18th	243·9	..	− 5·4	1	− 16
206	Rampart	65 30	150 15	114	..	..	..	..	..	..	..	..	..	..	..	..	..	..
206a	Holy Cross	62 16	159 50	15·2	..	..	..	257·9	274·1	10th	248·6	233·6	18th	253·3	..	− 2·1	10	− 22
207	Cordova	61 31	145 36	13·1	..	1012·5	+10·5	268·7	274·7	13th	264·3	256·3	21st	266·5	..	− 4·8	1	−321
208	Fairbanks	64 51	147 39	138	1009·1	1030·1	..	244·0	269·1	11th	236·4	225·2	31st	240·2	*241·1*	−10·9	24	+ 7
209	Dawson	64 4	139 29	324	990·7	1038·5	* ..	236·4	258·0	13th	230·8	220·2	30 th, 31 st	233·6	*233·8*	−15·4	13	− 12
210	Aklavik	68 14	134 50	7·6	1025·0	1026·1	..	248·6	272·4	11th	240·4	225·2	29 th, 30 th	244·5	*244·2*	..	25	..
211	Fort Good Hope	66 15	128 38	65·2	1020·8	1030·4	..	242·2	263·0	9th	232·8	219·7	30th	237·5	*237·6*	− 6·3	12	− 7
212	Fort Simpson	61 52	121 15	126	1009·3	1027·6	..	243·3	252·4	2nd	235·2	219·7	31st	239·3	239·7	− 8·9	18	− 4
213	Hay River	60 51	115 57	161	1003·4	1026·5	..	245·9	254·1	1st,13th	235·5	222·4	31st	240·7	*240·3*	−11·1	11	− 8
214	Coppermine	67 49	115 10	4·6	1022·3	1022·9	..	244·3	254·1	1st,13th	238·5	231·3	18th	241·4	*241·4*	..	13	..
218	Chesterfield	63 45	91 50	4·0	1013·9	1014·5	..	240·7	255·2	4th	235·2	228·0	9th, 30th	237·9	*237·8*	− 8·1	8	..
221	Nottingham Island	63 7	77 56	16·5	1008·0	1010·2	..	248·8	257·4	4th	244·3	237·4	27th	246·6	*246·7*	..	3	..
223	Hope's Advance	61 5	69 33	73·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
224	Resolution Island	61 18	64 53	38·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
225	Jacobshavn	69 13	51 2	31·6	992·0	996·0	− 7·8	..	..	..	263·6	256·3	20 th	..	266·6	+ 6·6	3	− 10
226	Godthaab	64 10	51 43	20	..	..	..	270·0	280·2	6th	262·8	256·3	21st	266·4	*267·1*	+ 2·0	29	− 11
227	Ivigtut	61 12	48 10	30·0	989·9	993·7	− 5·4	273·1	284·8	12th	265·8	259·4	19th, 23rd	269·5	*269·2*	+ 2·5	186	+108
229	Angmagsalik	65 36	37 33	29·3	994·8	998·4	− 0·7	275·4	280·1	5th	271·1	264·6	19 th	273·3	*273·5*	+ 7·3	155	+ 83
231	Stykkisholm	65 5	22 46	25	..	1006·6	+ 7·8	279·4	284·4	4th	275·0	270·4	19 th	277·2	*277·0*	+ 5·3	144	+ 79
232	Vestmanno	63 24	20 17	122	..	1008·7	+11·7	279·8	282·0	3, 4, 21	276·2	272·8	13th	278·0	*278·3*	+ 4·7	182	+ 43
233	Grimsey	66 33	18 1	22	..	1007·8	+ 7·0	278·2	281·7	2nd	274·8	269·0	13th	276·5	*276·4*	+ 4·7	14	− 5
233a	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	22	..
234	Teigarhorn	64 41	14 22	18	..	1011·5	+11·6	279·3	283·6	3rd	274·4	270·1	31st	276·9	276·3	+ 3·8	177	+ 40
235	Højvig	62 3	6 45	22·9	1014·3	1017·1	+15·1	281·2	284·0	21st	278·5	275·2	28th	279·9	*280·0*	+ 3·6	119	− 53
236	Lerwick	60 9	W. 1 8	48·8	..	1021·1	+16·9	280·4	284·7	22nd	278·2	273·0	30th	279·3	*279·6*	+ 1·2	49	− 73
237	Bergen, Fredriksberg	60 24	E. 5 19	44·4	1017·7	1023·3	+15·6	277·7	281·9	23rd	274·5	269·5	29 th	276·1	*276·2*	+ 0·8	100	− 81
238	Ona	62 52	6 33	14·6	1018·6	1020·4	+15·5	..	283·0	22nd	276·4	272·4	29 th	..	*277·9*	+ 1·5	176	+ 52
239	Trondheim	63 26	10 25	63·8	‡1013·0	1020·4	+13·6	275·1	282·0	22nd	270·6	261·3	29 th	..	*273·1*	+ 1·6	157	+ 79
240	Bodo	67 17	14 26	17·0	1013·3	1015·4	+10·5	..	280·5	22nd	270·6	262·0	13th	272·9	*273·3*	+ 2·7	106	+ 40
241	Haparanda	65 50	24 9	9·2	1014·3	1015·5	+ 5·6	269·2	277·0	18th	260·6	247·0	30th	264·9	*265·3*	+ 1·9	15	− 20
242	Helsingfors	60 10	24 57	11·7	1016·5	1018·0	+ 5·8	271·4	276·8	4th	264·6	256·2	16th	268·0	*268·3*	− 0·8	51	0
242a	Kuopio	62 55 N.	27 40 E.	233	986·4	1016·6	+ 4·7	266·8	274·0	4th	260·2	245·2	29 th	263·5	*263·4*	− 2·0	30	− 17
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

‡See Table of Authorities, Remarks, pages 105-15.

DECEMBER - ZONE 2 cont.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 70° N. AND 60° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
243	Kola	68 53	33 1	6·7	1010·2	1011·1	+ 2·6	267·6	277·0	3rd	258·9	234·8	29th	263·2	*263·5*	+ 1·0	56	+ 39
244	Petrozavodsk	61 47	34 23	79·0	..	..	..	266·9	275·4	19th	259·2	246·3	30th	263·0	*262·8*	− 2·0	26	− 8
245	Arkhangelsk	64 34	40 31	6·3	1010·8	1011·6	+ 0·5	263·2	274·9	3rd	254·6	239·4	30th	258·9	*259·0*	− 2·7	37	+ 13
246	Mezen	65 50	44 16	17·4	1008·7	1010·9	+ 0·4	260·3	274·8	3rd	250·5	236·0	29th	255·4	*255·8*	− 4·7	23	+ 9
247	Oust-Tsylma	65 25	52 18	73·8	1001·2	1011·4	− 1·6	255·1	273·2	4th	244·9	232·6	15th	250·0	*250·5*	− 7·9	18	− 3
248	Tcherdyn	60 24	56 31	208	985·1	1012·9	− 4·3	257·0	263·7	31st	250·1	237·1	3rd	253·6	*253·3*	− 3·9	24	− 15
249	Berezov	63 56	65 4	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249a	Yugor Strait	69 49	60 45	13·0	1007·1	1008·9	− 1·0	256·0	270·5	..	248·2	238·0	..	252·1	*252·3*	− 5·2	5	− 2
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	..	..	..	..	..	..	..	..	..	..	..	..	..	..
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Viliouisk	63 45	121 35	120	1008·4	1026·1	..	240·0	256·0	23rd	231·7	224·2	10th	235·8	*236·0*	+ 0·2	6	− 4
262	Iakoutsk	62 1	129 43	108	1013·4	1029·5	+ 4·3	236·2	245·1	24th	227·8	220·4	4th	232·0	*232·1*	− 0·9	3	− 7
263	Verkhoiansk	67 33	133 24	100	1005·0	1020·2	− 3·4	228·9	250·0	23rd	223·4	217·9	11th	226·2	*226·1*	− 0·6	4	0
264	Petropavlovskoe	60 25	134 28	?163	1003·8	1028·0	..	..	..	..	231·7	221·7	11th	..	*235·5*	..	5	..
268	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45	177 33	17·2	..	..	..	264·6	275·6	10th	256·1	245·7	23rd	260·4	*260·6*	+ 8·6	11	+ 2
		N.	E.															

DECEMBER - ZONE 3 — BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		N.	W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
302	St. Paul Island	57 15	170 10	5·8	..	1021·0	+20·1	274·5	276·9	27, 29, 30	271·6	267·4	19th, 20th	273·1	..	+ 2·6	2	− 62
303	Dutch Harbor	53 55	166 30	4·0	1018·9	1019·3	+20·1	275·9	280·2	29th, 30th	272·1	267·4	15th	274·0	*274·4*	+ 0·6	141	− 27
305	Dillingham	59 0	158 28	24·4	..	..	..	265·2	270·8	14th	255·7	249·1	22nd	260·4	..	− 4·4	13	− 27
306	Kodiak	57 48	152 22	4·6	1013·9	1014·5	+14·5	..	..	..	268·7	263·0	18th, 19th	..	*271·4*	..	15	−123
309	Sitka	57 3	135 19	4·6	..	..	..	269·4	275·8	5, 12, 13	262·3	252·4	18th	265·8	..	− 9·1	22	−206
310	Prince Rupert	54 18	130 18	51·8	999·3	1005·9	− 3·6	271·9	281·3	1st	267·2	259·7	31st	269·5	*269·9*	− 5·7	123	−168
311	Prince George	53 50	122 48	570	943·3	1017·6	..	259·5	283·0	1st	250·7	228·0	24th	255·1	*255·5*	− 8·7	96	+ 53
312	Kamloops	50 41	120 20	385	966·5	1014·8	− 8·4	272·1	283·6	5th	263·3	251·9	25th	268·7	*269·1*	− 1·5	40	+ 12
313	Calgary	51 2	114 2	1079	883·4	1018·2	+ 0·6	261·8	286·3	1st	252·1	240·8	24th	256·9	*256·8*	− 9·1	33	+ 21
314	Fort Smith	60 0	111 52	207	996·3	1026·1	..	244·6	253·0	3rd	235·1	221·9	28th	239·8	*239·7*	−10·3	23	+ 9
315	Prince Albert	53 10	105 45	436	965·3	1024·5	+ 4·6	257·5	269·1	1st	244·7	226·3	28th	251·1	*249·8*	− 7·3	41	+ 23
316	Qu'Appelle	50 31	103 56	654	936·7	1021·6	+ 1·6	260·6	281·3	2nd	249·7	236·9	25th	255·1	*254·7*	− 5·0	34	+ 15
317	Minnedosa	50 15	99 50	515	954·5	1023·1	+ 3·9	257·6	275·8	6th	247·2	230·8	28th	252·4	*252·1*	− 6·5	36	+ 19
318	Berens River	52 18	97 2	219	..	..	..	254·6	270·2	3rd	243·0	225·8	28th	248·8	..	− 7·9	38	+ 14
318a	Churchill	58 46	94 13	13·1	1018·9	1020·7	..	244·8	255·8	16th	240·1	230·8	25th	242·5	*242·2*	..	3	..
320	Moose Factory	51 14	80 30	8·8	..	..	..	253·7	274·7	4th	241·8	228·6	28th	247·8	*248·5*	−10·2	137	+ 94
320a	Moosonee	51 13	80 31	8·8	..	1020·6	..	255·5	274·1	4th	244·1	230·8	28th	249·8	*249·5*	..	25	..
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 30	73 55	383	..	..	..	255·2	270·8	5th	243·6	230·2	29th	249·4	..	− 7·5	30	− 34
323	Fort Chimo	58 10	68 10	15·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
324	Natashkwan	50 14	61 48	6·1	..	..	..	260·2	273·6	10th	248·3	238·6	28th	254·2	..	− 7·9	66	+ 4
326	Belle Isle	51 53	55 23	130	988·0	1005·1	− 1·8	263·6	275·2	11th	256·2	245·2	30th	259·9	*259·9*	− 3·2	127	+ 58
334	Valentia Observatory	51 56	10 15	13·7	1018·8	1020·5	+ 9·8	281·1	284·9	1st	276·7	272·1	10th	278·9	*279·2*	− 1·3	103	− 62
335	Aberdeen	57 10	W. 2 6	26·0	1019·1	1022·4	+15·4	279·2	282·3	22nd	275·2	271·6	10th	277·2	*277·5*	+ 0·8	47	− 35
336	Greenwich	51 29	0 0	46·3	..	1021·6	+ 7·6	276·6	280·2	22nd	272·5	269·1	6, 10, 14	274·5	*274·7*	− 3·0	9	− 48
337	Uccle	50 48	E. 4 22	100	1008·4	1021·2	+ 4·5	272·9	278·1	29th	267·3	260·6	14th	270·1	*270·4*	− 5·9	10	− 66
338	De Bilt	52 6	5 11	3·0	1021·7	1022·1	+ 7·5	273·6	278·5	23rd	268·2	259·9	14th	270·9	*270·8*	− 4·8	6	− 63
338a	Hamburg	53 33	9 58	40·3	1018·3	1023·5	+ 9·9	273·3	278·9	23rd	269·2	260·8	14th	271·3	*271·2*	− 3·1	20	− 43
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1021·9	1022·5	+ 9·2	275·3	279·3	23rd	271·4	265·6	14th	273·3	*273·4*	− 0·5	11	− 34
340	Potsdam	52 23	13 4	84·9	1011·3	1022·3	+ 6·9	271·3	277·8	24th	265·1	253·5	16th	268·2	*268·7*	− 4·8	19	− 25
340a	Uppsala	59 51	17 38	24	1017·5	1020·5	+ 9·3	271·6	277·9	5th	264·5	253·5	16th	268·1	*268·3*	− 1·1	11	− 30
341	Warsaw	52 13	21 3	88·3	1009·6	1021·1	+ 3·5	269·6	274·9	25th	262·5	247·3	15th	266·0	*266·5*	− 5·3	20	− 9
342	Tartu	58 23	26 43	80·8	1007·7	1018·2	+ 5·2	268·9	275·1	24th	262·3	255·4	26th	265·6	266·1	− 2·0	23	− 16
343	Leningrad	59 56	30 16	8·6	1015·1	1016·2	+ 3·3	268·8	275·6	5th	262·1	252·8	20th	265·4	*265·8*	− 1·4	29	− 3
344	Moscow	55 50	37 33	167·2	995·5	1017·7	+ 0·1	262·5	273·7	5th	254·1	243·5	30th	258·3	*258·1*	− 6·9	9	− 31
345	Saratov	51 34	46 0	135	998·6	1016·5	− 5·0	262·1	271·7	5th	254·7	243·7	3rd	258·4	*258·5*	− 4·7	40	..
346	Kazan	55 47	49 8	82·4	1002·8	1013·8	− 7·3	261·2	273·0	5th	254·2	242·5	3rd	257·7	*258·1*	− 4·6	24	− 2
347	Orenburg	51 45	55 6	109	1002·7	1017·4	− 8·8	260·5	269·0	19th	252·0	239·3	4th	256·2	*256·3*	− 5·3	13	− 19
348	Perm	58 1	56 16	159	991·9	1013·4	− 7·8	257·6	270·3	6th	249·8	237·2	4th	253·7	*253·8*	− 6·2	40	− 2
349	Sverdlovsk	56 50	60 38	281	977·5	1014·9	− 6·4	258·3	269·2	6th	251·7	238·8	3rd	255·0	*254·6*	− 5·7	28	+ 14
350	Tobolsk	58 12	68 14	108	1003·0	1016·7	− 5·1	256·7	267·8	8th	248·3	235·4	4th	252·5	*252·5*	− 4·5	16	− 6
351	Akmolinsk	51 12	71 23	347	976·0	1022·6	− 7·0	262·3	272·1	15th	253·2	239·0	5th	257·8	*257·6*	− 1·4	9	− 6
352	Omsk	55 1	73 19	108	1004·8	1019·1	− 5·5	257·6	268·4	21st	249·2	235·3	26th	253·4	*253·6*	− 3·2	11	+ 4
353	Barnaoul	53 20	83 47	158	1004·7	1025·9	− 3·3	262·3	276·0	15th	251·9	234·1	28th	257·1	*256·9*	− 1·4	15	− 13
354	Tomsk	56 30	84 58	123	1005·9	1022·4	− 3·8	259·6	273·5	15th	251·5	235·5	28th	255·6	*255·2*	− 0·9	27	− 17
355	Minousinsk	53 43	91 41	249	994·6	1028·1	− 3·9	261·5	273·7	1st	249·6	229·9	29th	255·8	*255·8*	0·0	9	− 2
356	Eniseisk	58 27	92 10	78	1011·8	1022·4	− 4·0	259·5	272·4	21st	251·4	231·1	28th	255·4	*255·2*	+ 2·2	19	− 8
357	Irkutsk	52 16	104 19	467	966·7	1027·8	− 3·8	263·5	274·7	1st	254·1	241·0	22nd	258·8	*258·3*	+ 4·0	11	− 3
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	665	942·0	1030·6	− 0·3	256·8	270·3	1st	245·2	238·4	22nd	251·0	*250·6*	+ 2·0	9	+ 5
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

DECEMBER - ZONE 3 cont.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
361	Tygan Ourkan	54 5	124 46	379	973·9	1025·3	−0·4	257·0	263·9	2nd	244·8	235·9	12th	250·9	*251·1*	+4·4	4	− 2
362	Blagovyeshchensk (Bureau Meteor.)	50 16	127 30	142	1003·0	1022·0	−1·1	261·4	273·4	1st	252·3	246·2	31st	256·8	*256·2*	+5·0	5	+ 1
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	263·4	272·5	24th	252·7	239·0	30th	258·0	*258·2*	..	16	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1008·8	1014·5	+1·7	261·3	274·5	21st	253·3	242·5	31st	257·3	*257·2*	+4·5	27	+ 6
366	Okhotsk	59 21	143 17	5·5	1012·8	1013·5	+2·4	259·5	273·9	21st	252·9	240·8	12th	256·2	*256·3*	+4·1	30	+ 27
368	Petropavlovsk (Phare)	52 53	158 43	87·1	993·9	1004·8	+3·1	273·8	277·0	25th	269·5	261·3	11th	271·6	*271·4*	+5·8	115	+ 38
369	Kluchevskoye	56 21	160 48	23·5	1007·8	1010·8	..	273·1	278·1	2nd	266·8	251·7	12th	270·0	*269·6*	..	22	..
370	Nikolskoe	55 12	165 59	6·8	1007·9	1008·8	..	..	..	..	273·0	265·1	11th	..	*274·5*	..	71	..
		N.	E.															

DECEMBER - ZONE 4 — BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		N.	W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	69·5	1000·2	1008·8	−7·6	280·3	286·3	21st	276·6	271·9	16th	278·4	*278·3*	+0·3	284	+138
412	Portland, Oregon	45 32	122 41	46·6	1007·8	1012·8	−5·7	283·3	288·6	9th	279·0	274·1	15th	281·1	*281·0*	+3·1	443	+267
413	Macleod	49 44	113 24	953	..	..	..	266·2	285·2	2nd	256·0	240·2	24th	261·1	*261·1*	−7·1	56	+ 41
414	Helena	46 34	112 4	1257	868·9	1013·9	−4·4	276·6	288·6	21st	267·4	253·6	26th	272·0	*272·1*	+3·1	15	− 5
414a	Salt Lake City	40 46	111 54	1328	869·9	1020·0	−0·2	282·1	289·7	11th	272·4	262·4	17th	277·3	*277·3*	+4·5	13	− 22
415	Cheyenne	41 8	104 48	1857	810·7	1015·2	0·0	283·0	290·2	29th	270·8	259·1	26th	276·9	*276·9*	+6·1	14	+ 2
416	North Platte	41 8	100 45	860	916·0	1017·9	−1·7	280·3	293·6	22nd	267·2	256·3	26th	273·7	*273·0*	+3·6	27	+ 13
416a	Bismarck	46 47	100 48	510	955·6	1019·6	−0·6	267·7	286·3	6th	256·1	242·4	25th	261·9	*261·8*	−2·2	11	− 4
417	Winnipeg	49 53	97 7	232	991·4	1022·9	..	258·3	277·4	6th	247·0	231·9	28th	252·7	*252·6*	−5·7	40	+ 16
418	Duluth	46 47	92 6	345	975·9	1020·0	+2·4	265·5	276·3	4th	254·4	237·4	25th	260·0	*260·6*	−3·4	34	+ 4
419	Port Arthur	48 27	89 12	196	994·8	1020·8	+3·5	263·1	276·3	4th	253·5	239·1	27th	258·3	*258·2*	−5·0	34	+ 13
420	Chicago	41 47	87 35	205	994·2	1019·6	+1·0	276·1	287·4	23rd	269·1	250·2	27th	272·6	*272·8*	+0·5	35	− 18
421	Toronto	43 40	79 24	116	1005·1	1020·0	+2·2	272·7	283·0	5th	264·6	243·0	29th	268·7	*268·5*	−1·6	74	+ 11
422	‡New York (Central Park)	40 47	73 58	47·4	1014·1	1020·1	+1·7	277·3	285·8	25th	269·4	251·9	30th	273·3	*273·2*	−1·2	88	+ 2
423	St. John, N.B.	45 17	66 4	36·3	1011·0	1015·7	..	268·7	279·1	6th	258·9	243·6	30th	263·8	*263·4*	−4·7	157	+ 51
424	S.W. Point, Anticosti	49 24	63 33	9·1	1010·7	1011·9	..	266·1	273·0	8th	256·1	248·6	26th	261·1	*261·1*	−5·3	60	+ 2
424a	Sable Island (Main Station)	43 57	60 6	7·6	1012·8	1013·8	..	276·0	284·1	10th	268·4	256·3	29th	272·2	*272·1*	−2·6	43	− 93
426	St. John's, Newfoundland	47 34	52 42	74·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
435	Madrid	40 24	3 41	667	935·4	1015·4	−6·4	278·5	282·9	2nd	272·5	267·0	19th	275·5	*274·8*	−2·7	33	− 8
436	Nantes	47 15	W. 1 34	36·5	1012·2	1016·7	−0·2	275·3	280·1	5th	270·4	263·0	12th	272·8	*272·7*	−5·6	38	− 57
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1013·2	1019·6	+2·7	273·7	278·6	21st	268·2	261·6	12th	270·9	271·0	−5·4	19	− 23
438	Marseille	43 18	5 23	75	..	1010·8	−4·9	281·9	287·0	5th	274·3	267·0	17th	278·1	*278·4*	−2·2	107	+ 54
438a	Zürich	47 23	8 33	493	957·6	1019·0	−0·7	271·0	278·7	22nd	267·5	260·0	17th	269·3	269·1	−3·9	1	− 68
439	Rome	41 54	12 29	45·5	1005·3	1010·9	−4·9	284·3	289·5	2nd	279·1	274·0	23rd, 24th	281·7	*281·4*	+0·4	248	+150
440	Vienna	48 15	16 22	203	995·0	1020·9	+2·1	270·2	276·8	24th	266·6	257·7	15th	268·4	268·4	−4·8	68	+ 21
440a	Budapest	47 31	19 1	130	1003·5	1020·2	+1·4	271·6	281·3	31st	266·1	260·4	19th	268·9	268·6	−4·7	47	− 7
441	Sofia	42 42	23 20	550	951·3	1019·6	−1·7	272·4	280·2	30th	266·8	257·0	24th	269·6	269·6	−3·5	81	+ 48
442	Bucharest	44 25	26 6	82	1009·8	1020·4	−0·6	270·6	277·9	30th	264·2	253·4	23rd	267·4	267·3	−5·1	55	+ 15
443	Odessa (Observatory)	46 26	30 46	42·8	..	..	..	270·8	277·0	1st	264·3	257·0	24th	267·6	*267·5*	−5·2	21	− 9
444	Novorossiisk	44 44	37 49	37·1	1013·0	1017·7	−1·6	277·9	286·0	16th	269·6	253·8	3rd	273·8	*273·7*	−4·4	190	+ 98
445	Tiflis	41 43	44 48	404	970·0	1019·6	−3·7	278·7	283·5	18th	272·1	266·1	6th	275·4	*274·8*	−1·0	26	+ 4
446	Astrakhan	46 21	48 2	−20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
447	Fort Alexandrovsk	44 31	50 7	−23·0	1021·9	1019·0	−3·2	275·1	282·3	27th	268·1	255·2	31st	271·6	*271·1*	−1·6	6	− 7
448	Krasnovodsk	40 0	52 59	−7·4	1019·1	1018·2	−4·0	280·7	285·4	18th	275·1	266·8	1st	277·9	*277·7*	−1·5	7	− 7
449	Kasalinsk	45 46	62 7	66·7	1011·8	1020·5	−3·9	268·7	274·7	19th	259·7	249·1	15th	264·2	*264·1*	−2·1	19	+ 6
450	Tashkent	41 20	69 18	479	962·3	1020·7	−5·3	279·6	289·4	19th	272·0	261·9	8th	275·8	*275·5*	0·0	164	+127
451	Andijan	40 44	72 20	496	961·9	1023·0	..	277·2	284·4	18th	270·5	257·5	9th	273·8	*273·3*	..	100	..
452	Alma Ata	43 16	76 55	848	920·6	1023·5	−5·3	275·2	281·9	10th	266·0	258·7	6th	270·6	*270·1*	..	45	+ 13
459	Peiping	40 0	116 22	84·5	1017·2	1028·1	..	276·1	281·8	3rd, 10th	267·0	259·0	28th	271·5	271·3	..	6	..
461	Fengtien (Moukden)	41 47	123 24	44·3	1018·7	1024·6	−2·2	269·6	279·9	2nd	258·8	246·1	31st	264·2	264·0	+1·2	11	+ 2
462	Joshin	40 40	129 12	31·9	1015·9	1019·9	−1·1	276·3	283·3	7th	268·3	260·3	31st	272·3	271·9	+2·3	32	+ 2
463	Yuki	42 20	130 24	63·8	1011·8	1020·0	−1·5	271·4	279·0	3rd	265·3	258·6	31st	268·3	268·3	+1·8	1	− 11
464	Vladivostok	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
465	Ochiai	47 20	142 47	27·4	1006·4	1009·9	−1·6	270·7	275·5	2nd	264·0	255·6	29th	267·3	267·6	+3·9	84	+ 28
466	Nemuro	43 20	145 35	26·7	1004·0	1007·2	−3·9	275·2	281·4	4th	269·7	265·4	24th	272·5	272·8	+1·3	93	+ 35
466a	Syana	45 14	147 53	39·3	999·8	1004·7	−4·1	274·8	281·4	4th	270·1	264·1	23rd	272·5	272·4	+1·7	206	+ 98
		N.	E.															

DECEMBER - ZONE 5 (AMERICA) — BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		N.	W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
511	San Francisco	37 48	122 26	47·2	1013·9	1019·6	−0·5	285·8	290·8	12th	280·8	276·9	25th	283·3	*282·9*	0·0	105	− 10
512	Sacramento	38 35	121 30	20·1	1017·9	1020·6	0·0	283·7	290·2	12th	277·4	273·6	16th	280·6	*280·7*	−0·3	146	+ 50
513	San Diego	32 43	117 10	26·5	1016·6	1020·0	+1·9	289·9	295·2	20th	281·7	278·6	17th	285·8	*285·7*	−0·3	28	− 18
514	Modena	37 48	113 54	1668	835·7	1020·0	+0·8	282·5	290·8	26th	268·4	257·4	17th	275·5	*274·1*	+4·6	10	− 6
515	Santa Fé	35 41	105 57	2138	788·7	1020·6	+2·2	282·0	288·0	27th	269·9	263·0	17th	276·0	*275·3*	+4·1	12	− 7
516	Denver	39 45	105 0	1613	835·7	1014·9	−0·5	286·0	293·6	22nd	273·1	262·4	26th	279·6	*280·3*	+6·8	21	+ 3
517	Abilene	32 23	99 40	530	956·0	1017·9	−1·4	291·2	301·3	4th	277·0	265·8	27th	284·1	*283·1*	+3·6	42	+ 12
518	Saint Louis	38 38	90 12	173	998·3	1019·6	−0·5	282·4	295·2	23rd	272·7	257·4	27th	277·6	*277·5*

DECEMBER - ZONE 5 (EUROPE, AFRICA, ASIA)

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 8	40	1017·4	1022·8	+3·2	290·6	293·9	29th	286·3	281·6	22nd	288·4	288·7	−0·2	142	− 38
531	Horta	38 32	28 38	65	1015·0	1022·9	+2·6	290·1	292·3	8th	285·3	282·4	22nd	287·7	287·9	−0·7	122	− 1
532	Ponta Delgada	37 44	25 40	22	1020·6	1023·2	+2·1	291·0	292·8	9th	285·4	282·4	17th	288·2	288·0	−0·5	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	116	− 22
533	Madeira (Funchal)	32 38	16 55	25	1018·0	1021·0	−0·6	292·0	294·9	10th	283·9	281·0	16th	288·0	*288·3*	−0·9	95	+ 13
535	Lisbon	38 43	9 9	95	1006·1	1017·7	−2·2	284·0	288·2	1st	278·8	273·9	22nd	281·4	281·3	−2·6	92	− 12
536	Gibraltar	36 6	5 21	27·4	..	1016·5	−3·8	287·6	291·9	1st	280·3	274·7	17th, 18th	283·9	*283·7*	−2·4	217	+ 79
536a	Colomb-Béchar	31 37	W. 2 13	769	926·2	1015·7	−6·1	287·9	292·4	12th	275·9	270·9	26th	281·9	*280·9*	−0·4	6	+ 2
537	Palma	39 34	E. 2 39	23	1008·6	1011·4	−6·8	286·3	290·6	1st	276·5	271·5	17th	281·4	*280·0*	−3·2	136	+ 80
538	Algiers	36 46	3 13	59	1006·7	1013·8	−5·4	286·3	294·5	12th	281·8	276·0	19th	284·1	284·1	−1·6	225	+ 92
538a	Gadames	30 8	9 30	361	..	..	..	290·7	301·4	3rd	277·8	270·5	26th	284·3	..	−0·8	26	+ 23
539	Tunis	36 48	10 10	66	1003·9	1011·9	−4·3	288·2	293·6	14th	279·5	275·0	31st	283·8	*283·5*	−0·8	90	+ 30
540	Malta	35 54	14 31	71·2	..	1012·2	−3·7	289·7	293·6	5, 13, 14	284·7	279·1	19th, 20th	287·2	*286·7*	−0·2	138	+ 44
541	Athens	37 58	23 43	107	1001·9	1014·9	−2·2	286·4	293·4	14th	280·7	271·2	24th	283·6	283·1	−0·4	105	+ 40
542	Alexandria	31 12	29 53	32	1013·3	1017·1	−0·8	294·9	301·5	12th	285·0	279·0	25th	289·9	*289·7*	+0·6	58	− 1
543	Ankara	39 58	32 48	861	916·2	1019·9	−1·3	275·4	285·6	17th	268·5	252·7	25th	271·9	*271·6*	..	59	..
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1016·3	−1·1	288·9	294·7	15th	279·3	271·3	26th	284·1	..	−0·8	36	− 42
544	Beirut	33 54	35 28	33·7	..	1016·8	−0·9	290·7	296·3	20th	285·9	278·2	26th	288·3	*288·1*	−0·2	105	− 82
545	Hinaidi	33 17	44 29	32·9	1014·4	1018·4	−1·6	290·1	296·9	22nd	277·2	269·7	28th	283·7	*283·3*	−0·2	1	− 22
546	Lenkoran	38 46	48 51	− 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	Tehran	35 41	51 25	1220	..	..	..	283·5	293·0	23rd	274·3	266·9	7th	278·9	*278·4*	+0·4	74	+ 43
548	Meshed	36 17	59 36	946	..	..	..	282·6	290·8	17th	272·4	265·8	5th, 6th	277·5	..	+0·8	24	+ 7
549	Seistan	31 2	61 30	?610	960·5	..	..	291·8	296·9	26th	276·9	273·0	9th	284·3	..	+2·7	8	− 4
550	Quetta	30 10	67 1	1647	837·1	..	−1·8	288·9	294·7	29th	272·2	267·4	13th	280·5	*280·0*	+1·8	7	− 17
551	Peshawar	34 1	71 35	355	976·0	1018·7	−2·7	294·8	300·2	1st	279·4	275·8	19th, 22nd	287·1	*285·9*	+2·4	0	− 15
551a	Lahore	31 35	74 20	214	991·4	1017·2	−2·1	296·0	300·8	3rd	279·8	276·3	17, 18, 20	287·9	*286·7*	+1·2	0	− 9
552	Simla	31 6	77 10	2202	782·5	..	−0·5	285·4	291·9	1st	277·9	273·0	12th	281·7	*281·2*	+1·0	3	− 26
552a	Leh	34 9	77 34	3503	667·0	..	+0·3	277·3	282·4	7th	264·4	259·7	15th	270·8	*269·7*	+2·0	3	− 1
558	Sian	34 31	109 5	365	979·5	1024·5	..	280·1	285·0	5th	273·8	270·0	22nd	276·9	276·5	..	6	..
559	Hankow	30 35	114 17	39·1	1019·0	1023·9	−4·2	284·4	292·0	3rd	277·8	272·8	20th	281·1	*281·0*	+2·0	30	+ 4
560	Tientsin	39 9	117 9	6·4	1024·6	1025·2	−3·0	276·4	281·2	3rd	268·9	259·2	31st	272·6	*272·6*	+1·8	17	+ 13
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1021·3	1022·1	−3·9	286·7	293·5	5th	276·8	269·2	21st	281·7	280·9	+2·1	13	− 23
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1012·4	1021·3	−3·4	278·4	286·4	7th	270·8	263·1	31st	274·6	274·2	+2·1	28	+ 3
562a	Nagasaki	32 44	129 52	133	1002·1	1018·3	−3·7	285·4	291·0	4th	279·1	274·9	21st	282·3	281·8	+1·1	75	− 8
563	Kyoto	35 1	135 44	42·9	1011·4	1016·7	−2·8	283·8	289·2	3rd	274·3	270·4	23rd	279·1	278·5	+1·1	56	+ 1
564	Tokyo	35 41	139 46	5·8	1012·0	1012·7	−3·7	284·7	290·2	10th	274·4	270·3	21, 23, 24	279·5	279·2	+1·0	54	+ 1
565	Hukusima	37 45	140 28	68·5	1004·7	1013·2	−3·3	281·2	287·1	4th, 8th	272·2	268·3	8th	276·7	276·4	+0·4	51	− 8
566	Miyako	39 38	141 59	30·4	1007·3	1011·1	−3·5	281·3	285·8	8th	271·5	267·4	19th	276·4	275·7	+0·5	32	− 31

DECEMBER - ZONE 6 (AMERICA, AFRICA)

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 13	177 22	5·8	1008·9	1009·6	..	295·1	298·0	Sev. dates	..	..	..	..	..	..	396	+322
605	Honolulu	21 19	157 52	11·6	1014·5	1015·9	−0·2	299·1	300·8	11th	293·4	291·3	22nd	296·2	*296·1*	+0·8	85	− 24
613	Guaymas	27 55	110 53	8·3	1016·4	1017·4	+1·4	297·9	301·5	22nd	286·3	283·8	17th	292·1	*292·2*	+0·6	0	− 29
614	La Paz, Mexico	24 10	110 18	18	1013·3	1015·4	..	295·8	297·5	15th	288·9	286·0	10th	292·3	*291·8*	..	0	..
615	Leon	21 7	101 41	1809	823·4	1015·7	+0·9	298·9	302·2	2nd	278·7	274·3	11th	288·8	*287·8*	+0·8	0	− 10
616	Monterry	25 40	100 18	528	956·4	1016·9	−1·2	297·5	307·3	5th	285·3	280·3	19th	291·4	*291·2*	+3·8	6	− 16
617	Tulancingo	20 5	98 22	2181	792·0	..	+1·6	295·3	299·6	6th	276·7	273·4	9th	286·0	*284·4*	−0·8	0	− 11
618	Galveston	29 18	94 50	16·5	1016·9	1018·9	−1·2	294·5	298·6	12th	288·8	280·2	27th	291·7	*291·4*	+5·1	141	+ 44
618a	New Orleans	29 57	90 4	16·2	1018·9	1020·6	+0·3	295·7	300·8	12th	286·7	277·4	27th	291·2	*290·2*	+4·4	31	− 88
619	Merida, Yucatan	20 58	89 38	22	1016·0	1018·6	+1·2	300·8	303·2	18th	291·8	288·0	Sev. dates	296·3	*295·7*	+0·2	104	+ 73
620	Havana	23 7	82 25	77·0	1010·0	1019·0	+0·9	299·3	302·5	4th	292·1	288·5	11th	295·7	295·5	+0·4	3	− 22
620a	Key West	24 33	81 48	6·7	1019·6	1020·3	+1·7	298·1	300·8	4th	292·8	289·1	10th	295·4	*294·6*	+1·2	9	− 35
621	Nassau, Bahamas	25 5	77 20	5·4	..	1017·9	−0·7	299·7	300·8	5th, 6th	294·1	289·7	12th	296·9	*296·8*	+1·3	19	− 19
622	San Salvador (Watling Island)	24 6	74 26	33·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
633	Port Etienne	20 56	17 3	4	1012·5	1013·0	..	..	..	..	..	..	..	..	*289·0*	..	..	..
634	La Laguna	28 28	16 20	547	954·5	1018·4	−2·4	287·7	291·0	11th	280·1	274·0	26th	283·9	*285·5*	−2·4	112	+ 19
634m	Izaña	28 19	16 30	2367	767·6	..	−1·1	277·3	283·8	1st	272·8	268·5	17th	275·0	275·0	−2·5	86	+ 28
636	Adrar	27 52	W. 0 17	285	986·1	1020·0	..	291·7	296·7	11th	279·1	271·6	21st	285·4	*285·8*	..	2	..
638	Tamanrasset (Fort Laperrine)	22 47	E. 5 31	1350	864·4	1012·8	−0·1	293·9	300·0	12th	278·7	270·0	21st	286·3	286·3	−0·9	0	− 5
639	Gat	24 58	10 11	566	..	..	..	298·3	309·0	14th	284·6	274·1	22nd	291·5	..	..	..	..
640	Hon	29 8	15 56	207	..	..	..	293·0	303·1	15th	278·6	271·5	27th	285·8	*286·0*	..	4	..
641	Ghirarabub	29 44	24 31	15	..	..	..	294·1	303·0	16th	282·3	274·2	25th	288·2	*288·7*	..	0	..
642	Siwa	29 12	25 29	−15	1019·2	1017·4	−2·3	295·1	303·1	16th	278·5	270·5	30th	286·8	*285·8*	+1·0	0	− 3
643	Cairo (Helwan)	29 52	31 20	116	1003·5	1017·2	−1·5	294·7	301·6	17th	284·9	276·9	26th	289·8	289·7	+2·1	0	− 5
643a	Aswan	24 2	32 53	100	1003·5	1015·2	−1·8	300·9	310·0	21st	285·2	277·3	27th	293·1	*291·9*	+2·1	..	..
644	Tor	28 14	33 37	1·9	1015·1	1015·3	−1·4	295·9	301·6	17th	284·7	276·5	27th	290·3	*289·9*	+1·2	0	− 4

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

DECEMBER - ZONE 6 (ASIA)

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	28 59	50 49	4·3	1015·9	1016·5	..	293·8	301·3	22nd	285·6	280·2	3rd, 4th	289·7	*289·3*	+0·3	2	− 74
648	Jask	25 45	57 45	4·0	1015·3	1015·8	..	300·2	301·3	4 days	292·0	289·1	4th, 5th	296·1	*295·7*	+1·9	0	+ 28
649	Manora (Karachi)	24 48	66 59	4·0	1016·1	1016·5	−1·9	299·5	301·9	1st	290·1	286·3	18th	294·8	*294·4*	+1·4	0	− 4
650	Jacobabad	28 17	68 29	56·7	1010·5	1017·3	−1·9	299·1	302·4	3rd	281·6	278·0	19th	290·3	*289·5*	+1·5	0	− 3
651	Jaipur	26 55	75 50	436	966·6	1017·5	−1·8	298·6	302·4	3rd	281·3	276·9	18th	289·9	*289·1*	−0·3	0	− 5
652	Nagpur	21 9	79 7	310	980·5	1016·7	−1·2	300·6	303·6	5th, 29th	286·1	283·6	1, 12, 29	293·3	*292·9*	+0·2	4	− 9
653	Allahabad	25 26	81 50	94·2	1005·4	1016·8	−1·8	297·8	299·7	5, 7, 8	282·1	279·1	19th	289·9	*288·8*	+0·4	0	− 5
653a	Darjiling	27 3	88 16	2265	776·5	..	−1·0	282·5	285·8	1st, 21st	275·8	273·6	26th	279·2	*278·7*	−0·2	4	− 2
654	Calcutta	22 32	88 20	6·4	1014·9	1015·7	−1·6	298·5	300·8	6th, 7th	287·3	285·2	13th, 20th	292·9	*292·4*	+0·9	0	− 5
655	Gauhati	26 11	91 45	55·5	1009·3	1016·0	−1·9	297·6	299·7	1st	284·9	281·9	19th, 20th	291·2	*290·6*	+0·6	0	− 4
655a	Akyab	20 8	92 55	8·8	1013·6	1014·6	−0·7	300·3	301·9	3rd, 4th	289·2	285·8	28th	294·8	*294·1*	−0·4	0	− 19
655m	Cherrapunji	25 15	91 44	1313	870·4	..	−0·7	289·3	292·4	7th	281·3	278·6	16th	285·3	*284·6*	−0·3	0	− 8
656	Mandalay	21 59	96 6	76·2	1005·9	1014·9	−1·9	302·7	305·2	3rd	287·7	284·1	16th	295·2	*294·5*	+0·4	0	− 10
656a	Tengyueh	25 0	98 40	1634	836·0	1015·3	..	289·2	292·0	11th	274·8	270·5	29th	282·0	281·4	−0·7	4	− 12
657	Phu Lien	20 48	106 38	116	..	1016·4	−2·7	297·7	301·2	10th	289·6	286·5	17th	293·6	292·6	+1·5	7	− 22
658	Moncay	21 31	107 58	9·0	..	1016·7	−2·7	296·8	300·2	30th	287·7	282·7	18th	292·3	*291·5*	+1·8	23	− 18
659	Hongkong	22 18	114 10	33·2	..	1017·3	−2·4	294·3	298·2	30th	289·3	285·8	19th	291·8	291·2	+1·1	35	+ 9
660	Amoy	24 26	118 4	4·9	1019·8	1020·4	−1·8	292·9	296·0	4th	286·9	283·0	19th, 22nd	289·9	289·3	−0·3	82	+ 50
661	Taihoku, Formosa	25 2	121 31	9·3	1017·5	1018·6	−2·3	294·6	302·3	5th	285·4	279·0	21st	290·0	289·6	−0·2	56	− 18
661a	Basco	20 28	121 59	18·7	..	1013·8	−1·3	297·6	301·3	8th	293·8	291·2	20th	295·7	295·4	−0·5	79	−252
662	Naha	26 12	127 39	29·5	1014·3	1017·8	−2·2	293·6	298·2	8th	288·3	284·2	25th	290·9	290·9	+0·4	95	− 10
665	Titizima (Bonin Islands)	27 5 N.	142 11 E.	4·3	1013·5	1014·0	−3·4	294·8	298·7	6th	289·1	282·9	19th	291·9	292·0	−0·4	191	+ 60

DECEMBER - ZONE 7

BETWEEN LATITUDE 20° N. AND 10° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
715	Colima	19 12	103 45	498	957·8	1013·9	+0·6	305·2	308·0	21st	287·2	284·6	18th	296·2	*295·3*	−0·5	0	− 32
716	Morelia	19 42	101 7	1923	811·4	1014·6	+0·8	294·6	297·5	3rd	280·4	277·0	10th	287·5	*286·9*	+0·1	1	− 14
717	Mexico, Tacubaya	19 24	99 12	2309	776·9	..	+1·4	293·4	295·6	5th	275·9	273·0	10th	284·7	284·4	−0·8	11	+ 2
718	Salina Cruz	16 12	95 12	56	1006·9	1013·3	−0·1	303·0	305·4	6th	293·9	291·2	23rd	298·5	*299·0*	+0·7	0	− 2
719	ǵ San Salvador	13 42	89 13	682	939·2	1014·9	+1·7	308·4	310·2	19th	286·9	283·4	12th	297·7	*296·0*	+0·5	8	− 5
720	Belize	17 31	88 11	5·2	1016·4	1017·0	+0·9	300·5	301·9	11th, 19th	295·2	291·9	12th	297·8	*297·4*	+1·0	269	+ 79
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1015·4	+1·1	302·4	304·1	4th	293·7	291·1	9th	298·1	*297·8*	−0·3	29	− 21
722	Port au Prince	18 33	72 20	37·4	1011·5	1015·7	+0·8	303·7	305·6	3rd, 22nd	294·0	292·2	29th	298·9	*297·8*	−0·1	63	+ 31
723	Caracas	10 30	66 55	1043	897·5	1012·0	..	296·7	298·8	22nd	287·6	283·6	29th	292·1	*291·4*	0·0	132	+ 87
724	San Juan, Porto Rico	18 29	66 7	25·0	1013·2	1016·2	+0·3	300·3	301·3	12th	295·4	293·0	30th	297·8	*297·6*	+0·2	121	− 35
724a	Grenada (Richmond Hill)	12 5	61 46	188	992·8	1014·1	..	303·3	304·7	29th	296·1	294·7	26th, 27th	299·7	*299·1*	+1·0	158	− 25
725	Barbados	13 8	59 36	57·9	..	1013·1	−0·1	301·2	302·2	4th, 8th	295·3	293·0	30th	298·3	*298·1*	0·0	104	0
731	São Vicente, C. Verde Is.	16 54	25 4	11	1013·8	1015·1	+0·5	296·8	302·0	4th	..	..	..	..	ǵ*294·9*	−0·9	3	− 4
732	ǵ San Tiago, C. Verde Is.	14 54	23 31	34	..	..	..	299·1	..	..	..	..	..	..	*296·6*	..	0	− 5
733	Dakar	14 40	17 26	32	1008·6	1012·3	..	298·7	302·6	3rd, 13th	291·6	288·9	23rd, 24th	295·1	*294·6*	−1·2	0	− 7
734	ǵ Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	299·1	303·6	1st	284·1	283·0	4th	291·6	291·6	−5·6	0	− 1
735	Bamako	12 39	7 58	340	974·0	1012·1	..	308·2	312·2	19th	290·8	284·4	22nd	299·5	*299·2*	..	0	..
736	Kabara	16 45	W. 3 1	273	..	..	..	301·7	310·8	13th	285·7	281·2	23rd	293·7	*293·4*	..	0	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	307·9	311·9	6th, 7th	289·6	285·2	28th	298·7	*298·3*	+1·4	0	0
738	Kaduna Capital	10 32	7 25	584	941·7	1005·6	..	306·6	310·2	18th	287·3	284·7	15, 20, 31	296·9	*296·4*	+0·5	0	0
739	Bilma	18 41	12 55	356	..	..	..	303·2	309·2	1st	279·7	273·9	29th	291·5	..	..	0	..
740	Maiduguri	11 47	13 11	361	..	..	..	308·2	313·0	3rd	..	..	..	..	ǵ*298·9*	+1·3	0	0
741	El Fasher	13 32	25 18	730	928·6	1009·8	..	305·5	310·0	22nd	284·2	279·0	16th	294·9	*293·2*	+0·6	0	0
743	El Obeid	13 11	30 14	563	947·1	1009·9	−1·6	305·5	310·5	22nd	288·4	282·6	28th	296·9	*295·9*	+2·1	0	0
743a	Khartoum	15 37	32 33	380	966·8	1009·3	−2·8	307·6	311·7	19th	290·7	286·1	28th	299·1	*298·9*	+2·1	0	0
744	Port Sudan	19 37	37 13	5·5	1013·5	1014·1	−0·1	302·3	304·5	8th	295·2	292·5	14th	298·7	*298·4*	+0·9	7	− 23
745	Berbera, Somaliland	10 26	45 2	13·8	1012·7	1014·3	−0·9	301·3	302·4	1, 4, 8	292·7	291·3	22nd, 27th	297·0	*297·6*	−1·2	0	− 2
746	Aden	12 49	45 2	29·9	1012·4	1015·7	−0·4	302·7	303·6	Sev. dates	295·3	293·6	4 days	299·0	*298·6*	+0·9	4	+ 1
751	Bombay	18 54	72 49	11·3	1012·7	1014·1	−1·2	303·1	306·3	1st	293·8	291·3	30th, 31st	298·5	297·7	+0·3	24	+ 22
752	Kodaikanal	10 14	77 28	2343	771·3	..	−0·5	289·4	293·0	12th	281·2	276·3	30th	285·3	284·8	+0·1	87	− 25
752a	Bangalore	12 58	77 35	921	911·8	1013·7	−1·1	299·3	301·3	2nd	288·1	284·7	30th	293·7	*293·1*	+0·4	57	+ 45
753	Madras	13 4	80 15	6·7	1012·5	1013·2	−1·7	301·1	302·4	3, 9, 10	293·5	290·2	30th	297·3	*296·9*	−0·3	381	+233
754	Vizagapatam	17 42	83 18	38·4	1010·5	1014·8	−1·5	300·0	300·8	Sev. dates	292·8	290·2	5 days	296·4	*296·0*	0·0	6	− 12
755	Port Blair	11 40	92 43	18·0	1009·9	1011·9	−0·9	301·7	303·6	15th	297·2	295·2	22nd, 26th	299·8	*299·4*	−0·3	57	−119
756	Rangoon	16 46	96 11	5·5	1013·2	1013·9	−1·0	304·6	306·3	10th, 14th	292·2	289·7	30th	298·4	*297·5*	+0·3	0	− 9
757	Cap St. Jacques	10 20	107 5	180	..	1011·8	..	300·6	302·5	28th	294·9	292·2	18th	297·7	*297·3*	−0·1	3	− 26
758	Nhatrang	12 15	109 12	3·6	..	1012·0	..	301·4	303·6	9th	293·7	290·2	22nd	297·6	*297·1*	+0·1	4	−207
759	Iba	15 20	119 58	4·8	..	1009·1	−0·7	304·7	306·1	9th	295·3	293·8	14th, 31st	300·0	*299·5*	+1·0	16	− 6
761	Vigan	17 34	120 23	12·2	..	1009·4	−1·5	302·4	304·2	8th	294·3	291·9	13th	298·3	298·3	−0·8	10	+ 1
761a	Manila	14 35	120 59	10·1	..	1010·1	−1·0	302·8	305·5	7th	295·0	293·6	14th	298·9	298·1	+0·1	33	− 28
762	ǵ Ormoc	11 0	124 36	5·6	..	1007·4	−1·2	304·4	306·5	5th	..	..	..	..	*299·5*	+0·8	205	+ 2
765	Guam, Ladrone Is.	13 24	144 38	18·6	..	1008·2	−0·6	?303·0	?304·0	26th	297·0	294·5	15th	?300·0	*299·9*	+0·1	105	− 17
766	Saipan	15 14 N.	145 46 E.	207	986·8	1007·0	..	301·4	302·2	2nd, 13th	296·4	295·6	30th	298·9	298·4	..	44	..

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

ǵChange of normals, see Table of Authorities, pages 105-15.

DECEMBER - ZONE 8 — TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		°N. ′	° W. ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1009·6	1010·2	+0·2	303·9	305·2	20th	297·4	296·9	Sev.dates	300·7	*300·3*	−0·1	13	−202
821	Cristobal	9 23	79 54	11·0	..	1011·6	+0·8	301·7	303·0	3rd	296·7	294·1	12th	299·2	298·8	−0·5	469	+180
822	Bogota	4 36	74 5	2645	746·4	..	+0·9	290·8	293·8	17th	282·3	280·2	9th	286·5	*285·8*	−0·7	178	+111
822a	Merida, Venezuela	8 36	71 9	1641	840·8	..	..	294·7	296·4	3rd	287·1	285·4	21st	290·9	*290·1*	−0·4	146	+ 59
823	⌀Ciudad Bolivar	8 9	63 33	38	1004·6	1008·9	−1·9	302·9	304·2	11th, 12th	295·6	294·4	20th, 21st	299·2	*298·7*	−0·5	42	− 3
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1010·6	−1·0	301·6	302·7	2nd, 12th	296·3	294·7	1st, 23rd	298·9	*298·5*	−0·6	688	+401
826	Paramaribo	5 49	55 9	3·7	1010·3	1010·7	−1·4	303·1	305·4	3rd	295·6	294·6	27th	299·3	*299·2*	−0·1	356	+136
826a	Cayenne	4 54	52 21	6	1009·8	1010·5	..	302·0	304·2	6th	296·0	294·2	11th	299·0	*298·4*	−0·7	405	+133
831	10°-5°N., 30°-25°W.	††7 18	††27 42	§(25-32)	..	1012·3	+0·5	..	..	Sea Temp. 299·1[−0·3	..	..	..	..	*298·4*	−0·8	..	..
833	Konakri	9 31	13 43	12·5	1009·5	1011·0	..	304·0	306·4	20th	295·2	292·0	29th	299·6	*299·0*	−0·3	37	+ 18
834	Freetown, Sierra Leone	8 29	13 14	55·0	1004·8	1011·1	+1·1	302·8	304·7	19th	..	..	..	..	*‡299·5*	..	31	− 5
835	Assuantsi	5 18	1 15	97·3	997·4	1008·5	..	302·5	304·1	18th, 31st	292·8	289·7	24, 25, 27	297·7	*297·1*	−0·8	67	− 1
836	Accra	5 33	W. 0 12	17·7	1008·8	1010·7	+0·2	304·8	306·3	31st	295·7	290·2	27th	300·3	*299·7*	+0·2	13	− 9
837	Lagos	6 27	E. 3 24	1·8	1009·1	1009·5	−0·3	303·6	305·2	16th	296·9	294·1	Sev.dates	300·3	*299·7*	−0·4	25	+ 4
838	Victoria, Nigeria	4 1	9 12	15·5	1008·7	1010·5	..	303·3	305·2	10th	292·7	291·3	1, 13, 29	298·0	*297·3*	..	40	− 5
839	Yola	9 12	12 30	359	..	..	..	307·6	310·8	18th	292·6	289·1	7, 29, 30	300·1	*299·6*	+0·8	0	0
841	Barumbu	1 11	23 30	?450	..	..	..	302·5	305·5	4th	292·2	290·2	13th	297·3	*296·6*	..	89	..
842	Wau	7 42	28 3	440	958·0	1006·6	−2·3	308·8	312·0	21st	291·3	287·5	17th	300·1	*299·4*	+1·3	0	0
843	Malakal	9 35	31 37	394	964·0	1007·8	−1·0	308·2	310·7	22nd	292·3	285·2	25th	300·3	*299·1*	+0·5	0	0
843a	Juba	4 53	31 35	475	954·8	1007·2	..	309·2	310·9	21st	291·5	289·1	22nd	300·3	*299·4*	..	40	..
844	Kampala (Kololo Hill)	0 20	32 36	1312	867·5	1006·8	..	299·4	301·9	1st	289·7	287·4	11th	294·7	293·7	..	130	..
845	Baidoa	3 7	43 39	480	958·7	1011·7	..	307·6	309·0	Sev.dates	293·0	292·0	9, 12, 15	300·3	..	..	20	..
846	Sheikh	9 55	45 15	1463	..	..	..	293·6	294·7	Sev.dates	279·4	274·1	29th	286·5	..	..	0	− 13
851	Minicoy	8 18	73 0	2·7	1011·6	1011·9	−0·8	303·1	304·1	5 days	297·2	294·7	11th, 19th	300·1	*299·7*	..	33	− 57
851a	Cochin	9 58	76 14	2·7	1011·9	1012·3	−0·7	303·1	304·1	4 days	296·3	294·1	31st	299·7	*299·3*	−0·4	23	− 21
852	Colombo Observatory	6 54	79 52	7·3	..	1010·1	−0·1	302·3	304·3	30th	295·1	291·7	28th	298·7	*298·3*	−0·7	29	−101
853	Nuwara Eliya	6 58	80 46	1881	813·4	1012·6	−0·2	292·6	296·1	18th	281·6	274·9	29th	287·1	*286·3*	−0·2	61	−160
854	Trincomalee	8 35	81 15	30·2	..	1009·9	−0·7	299·9	302·9	16th	296·7	294·4	25th	288·3	*297·9*	−0·8	256	− 94
855	Koetaradja	5 32	95 20	7·1	..	..	..	..	..	..	..	..	..	..	..	..	147	− 67
856	Medan	3 35	98 41	25·0	..	1009·6	−0·8	302·3	304·0	9th	294·8	293·8	31st	298·5	*297·9*	−0·2	90	−139
857	Butterworth	5 25	100 22	2·1	..	1009·1	..	303·1	304·7	Sev.dates	295·4	294·1	Sev.dates	299·3	298·6	..	110	..
858	Singapore (Mt. Faber)	1 16	103 49	90·5	..	1009·2	−0·3	302·3	304·7	Sev.dates	294·9	293·6	21st	298·6	297·7	..	114	−238
859	Sandakan	5 50	118 7	55·5	1002·0	1008·4	..	304·5	305·8	Sev.dates	296·4	294·7	24th	300·5	*300·0*	+0·7	235	+173
860	Iwahig	9 44	118 38	14·3	..	1006·9	−1·2	302·1	303·9	9th, 28th	295·5	293·8	29th	298·8	*298·3*	−0·5	419	..
861	Tagbilaran	9 38	123 51	21·3	..	1007·5	−1·3	304·0	305·4	31st	296·7	295·7	3, 4, 28	300·3	299·4	+0·5	168	+ 9
861a	Menado	1 30	124 50	8·5	..	..	..	..	..	..	..	..	..	..	..	..	431	+ 61
862	Surigao	9 48	125 29	6·0	..	1008·0	−1·0	302·5	306·0	2nd, 5th	296·5	295·5	12th	299·5	298·9	+0·2	296	−321
863	Kolonie, Yap	9 29	138 8	29·3	..	1008·8	+0·5	302·6	303·8	18th	297·7	295·8	16th, 17th	300·1	299·9	0·0	256	+ 34
864	Palau	7 20	134 29	31·8	1004·5	1008·2	−0·4	302·9	304·4	31st	298·1	297·0	25th	300·5	300·1	+0·3	176	−148
867	Ponape	6 58 N.	158 13 E.	38·9	1004·1	1008·6	..	301·8	303·8	26th	296·3	293·2	29th	299·1	299·1	..	684	..

DECEMBER - ZONE 9 — BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		S. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
902	Atafu	8 32	172 31	1·8	..	1010·2	..	302·5	304·0	1st	298·8	294·6	16th	300·7	*300·4*	..	168	..
920	Lambayeque	6 46	79 55	15	1011·4	1013·1	..	301·0	302·8	18th, 26th	291·3	288·5	8th	296·1	295·1	..	0	..
921	Quito	0 13	78 30	2816	726·6	..	−0·7	292·7	295·6	11th	280·5	275·7	30th	286·6	284·8	−1·0	113	0
923	Senna Madureira	9 4	68 40	135	994·3	1009·6	..	305·8	309·0	7th, 31st	294·2	291·0	14th	300·0	*299·1*	..	268	..
923a	São Gabriel do Rio Negro	0 8	67 5	85	999·6	1009·4	..	303·4	308·0	31st	295·0	293·6	29th	299·2	*298·1*	..	291	..
924	Manaos	3 8	60 1	43·8	1005·0	1009·9	..	303·3	306·8	4th	296·1	294·4	29th	299·7	*298·8*	−0·7	319	+117
925	Parintins	2 38	56 44	18	..	..	..	..	..	..	..	..	..	..	..	..	140	..
926	Taperinha	2 30	54 20	21·5	1007·1	1009·4	−0·6	305·0	306·6	23rd	295·3	293·3	3rd	300·2	*299·0*	0·0	43	− 67
927	Turyassu	1 43	45 26	9·1	1008·3	1009·5	−0·7	305·1	306·8	3rd	294·9	291·9	2nd	300·0	*300·0*	0·0	74	+ 15
928	Barra do Corda	5 30	45 16	81·0	1004·2	1013·6	..	305·4	307·8	3rd	294·8	291·7	2nd	300·1	*299·0*	+0·2	57	− 58
929	⌀Quixeramobim	5 16	39 15	199	987·4	1009·5	−1·4	306·2	308·2	3rd	298·1	297·0	23rd	302·2	*301·8*	+0·1	14	− 12
930	Fernando Noronha	3 50	32 25	106	999·2	1011·1	−0·8	301·7	302·5	16th	297·3	295·5	2nd	299·5	*299·0*	+0·3	5	− 7
934	Ascension Island	7 56	W. 14 25	16·8	1010·9	1012·9	−0·6	301·6	303·6	4th	294·7	294·1	Sev.dates	298·1	*297·5*	0·0	4	0
939	Loanda	8 49	E. 13 13	59·3	..	1010·5	−0·7	302·9	305·0	25th	296·0	295·3	9th	299·5	298·7	+0·8	5	− 18
940	Brazzaville	4 17	15 16	320	..	..	..	..	..	..	..	..	..	..	..	..	..	..
942	Tshibinda	2 19	28 45	2115	..	..	..	294·2	296·0	2nd, 21st	283·7	281·5	28th	288·9	*289·5*	..	254	..
943	Masaka	0 20	31 44	1280	..	..	..	299·2	301·4	25th	288·7	287·3	18th	293·9	*293·2*	..	124	+ 35
944	Nairobi (Kabete Obs.)	1 16	36 48	1820	819·9	1010·4	..	295·1	297·4	25th	285·3	282·3	24th	290·2	289·4	..	78	..
944a	Zanzibar (Chukwani Palace)	6 15	39 13	21	1008·0	1010·4	..	303·8	305·2	25th	297·1	296·3	4th	300·5	299·5	..	150	..
945	Afmo·1	0 30	42 4	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
947	Seychelles, Port Office	4 37	55 27	4·6	1010·2	1010·8	−0·9	301·2	303·0	10th, 11th	296·0	294·1	16th	298·6	*298·0*	−0·5	265	−102
957	Padang	0 56	100 22	6·7	..	1010·4	−0·2	302·5	304·7	25th	296·1	294·4	21st	299·3	*298·7*	−0·4	287	−193
958	Batavia	6 11	106 50	8·0	1007·8	1008·7	−0·7	303·5	306·0	7th	296·2	295·0	23rd, 25th	299·9	299·2	+0·3	91	−124
958a	Pontianak	0 1	109 20	2·6	..	1009·8	0·0	303·4	305·9	27th	296·3	295·0	24th	299·9	*299·3*	+0·2	187	−142
959	Pasoeroean	7 38	112 55	5·0	..	1007·4	−1·4	304·1	305·8	22nd	297·1	295·6	21st	300·6	*299·9*	0·0	223	+ 59
960	Kajoeman	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	455	+ 60
962	Amboina	3 42	128 10	4·2	..	1007·3	−1·0	304·5	306·8	15th	297·8	296·4	25th	301·1	*300·3*	+0·4	137	− 6
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	146	−123
965	Daru	9 4	143 13	7·6	..	1008·3	−0·6	303·7	..	..	296·8	..	..	300·3	*299·8*	−0·4	185	− 8
966	Port Moresby	9 29	147 9	38·4	..	1007·7	−0·8	304·7	..	..	297·5	..	..	301·1	*300·6*	−0·1	203	+103
967	Rabaul	4 9	152 12	12·5	1005·8	1007·2	−0·4	307·1	308·4	4th	296·3	295·0	10th	301·7	*301·0*	+1·0	93	−152
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	303·8	305·2	18th	297·1	295·8	19th	300·4	*300·2*	−0·7	555	+299
970	Ocean Island	0 52	169 35	42·6	1001·7	1006·5	−2·5	303·7	306·9	4th, 5th	..	..	..	..	‡*300·4*	−0·5	0	−224
972	Funafuti, Ellice Is.	8 30	179 13	2·4	1007·5	1007·7	..	305·1	308·0	2nd	298·3	296·3	21st	301·7	*301·2*	..	130	..

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

‡See Table of Authorities, Remarks, pages 105-15.

§ Number of observations.

†Estimates not based on at least six equally spaced observations each day are in italics.

⌀Change of normals, see Table of Authorities, pages 105-15.

†† Mean latitude and longitude of the observations.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S. — DECEMBER - ZONE 10

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		S. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1001	Vavau	18 39	173 59	9·1	1009·5	1010·5	..	302·1	304·1	28th	297·0	293·6	28th, 29th	299·5	*299·1*	..	227	..
1002	Apia, Samoa	13 48	171 46	2·0	..	1009·4	+1·3	301·3	303·2	30th	296·2	294·4	20th	298·7	298·5	−1·0	397	+ 44
1003	Alofi, Niue Is.	19 2	169 55	19·8	..	1011·8	+1·5	302·7	305·2	24, 27, 31	295·4	293·0	24th, 28th	299·0	*298·8*	0·0	315	+ 80
1004	Pukapuka, Danger Is.	10 53	165 54	2·1	..	..	..	304·3	309·1	4th	297·3	294·9	5th	300·8	*300·3*	..	124	..
1005	Aitutaki, Cook Is.	18 53	159 46	3·0	..	..	..	302·1	304·7	9th, 10th	295·6	294·1	12, 14, 17	298·8	*298·4*	..	..	..
1007	Papeete (Hamuta)	17 32	149 33	5·0	1011·0	1011·5	..	302·7	304·7	3rd	295·0	294·0	4th	298·8	*298·3*	..	172	..
1021	Lima	12 5	77 3	111	1000·6	1013·6	..	297·8	299·5	2nd, 29th	289·5	287·5	13th, 14th	293·7	292·3	..	0	..
1022	Arica	18 28	70 20	29	1011·6	1015·0	..	297·7	300·2	26th	288·5	284·6	8th	293·1	*293·0*	+0·5	0	0
1024	La Paz, Bolivia	16 30	68 8	3658	656·6	..	−0·7	291·8	296·2	2nd	278·6	276·7	6th	285·2	*284·5*	+0·4	83	− 8
1025	⌀Corumbá	18 59	57 39	116	993·1	1005·9	−0·9	305·9	310·4	31st	294·9	290·7	8th	300·4	*301·3*	+1·2	332	+164
1026	Cuyaba	15 36	56 6	165	988·6	1007·2	−1·1	305·0	308·4	30th	291·5	288·4	14th	295·0	*294·2*	0·0	563	+266
1027	Bello Horizonte	19 56	43 57	895	910·7	1008·7	−2·0	299·0	303·8	4th	290·3	287·1	29th	295·0	*295·0*	−0·7	228	+ 64
1028	Caetite	14 3	42 37	897	914·3	1012·6	+0·3	299·8	303·1	8th	295·4	294·2	23rd	298·9	*298·4*	−0·1	80	− 39
1029	⌀Ondina (Bahia)	13 0	38 31	64	1003·5	1010·8	−0·9	302·4	303·0	27th	295·7	293·7	8th	299·0	*298·9*	−0·1	45	+ 7
1030	⌀Aracaju	10 55	37 3	6·1	1010·0	1010·8	−2·1	302·2	303·0									
1035	⌀St. Helena	15 57	W. 5 40	604	945·4	1014·9	−1·2	291·0	293·0	19, 28, 29	286·7	285·8	1, 2, 7	288·9	*288·5*	−0·2	20	− 14
1039	Mossamedes	15 12	E. 12 9	12·5	1010·4	1011·9	..	298·3	300·0	21st, 29th	290·7	289·0	Sev.dates	294·5	..	..	0	− 2
1041	Livingstone	17 50	25 49	972	904·8	1010·1	..	302·0	307·3	1st	290·9	288·3	20th	296·4	..	−2·2	84	− 77
1041a	Elisabethville	11 40	27 29	1230	874·7	1005·9	−1·6	300·6	303·4	12th	289·5	288·2	9th	295·0	..	−0·1	303	+ 47
1042	Gwelo	19 26	29 45	1411	861·8	1012·3	..	298·7	303·6	30th	287·6	284·1	18th, 20th	293·2	..	−1·5	62	− 89
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	852·5	1011·2	+0·3	297·8	300·9	29th	287·4	283·8	20th	292·6	291·8	−1·2	132	− 23
1044	Zomba	15 23	35 18	921	908·1	1008·3	+0·3	298·5	301·3	22, 23, 24	290·7	284·1	3rd	294·6	294·0	−1·2	280	+ 4
1045	Mossuril	14 57	40 40	15	..	1010·9	+0·2	306·0	309·6	15th	296·6	295·2	7th	301·3	300·8	−0·2	47	− 56
1046	Antananarivo	18 55	47 33	1375	863·9	1011·3	+0·1	300·4	303·4	11th	287·9	286·1	28th	294·1	292·3	−0·5	277	− 14
1046a	Tamatave	18 9	49 22	7	..	1013·5	..	302·9	304·8	7th	295·4	293·5	7th	299·1	*298·6*	..	251	..
1047	Vohemar	13 24	50 2	2	..	1012·2	..	303·5	305·9	24th	295·6	294·5	10th	299·5	*299·0*	..	144	..
1048	Antalaha	14 53	50 15	4	..	1011·6	..	303·8	307·0	26th	294·9	291·0	7th	299·3	*298·7*	..	50	..
1055	Cocos, Keeling Is.	12 5	96 53	4·6	..	..	..	302·6	304·4	26th	297·9	295·9	26th	300·2	*299·8*	0·0	125	+ 12
1057	Christmas Island	10 25	105 43	5·5	1006·3	1007·0	−0·8	303·1	304·7	26th	296·9	295·8	2nd	300·0	*299·7*	−0·2	82	−105
1061	Koepang	10 10	123 34	45·1	..	1007·6	−1·0	303·8	308·5	9th	297·2	294·6	25th	300·5	*299·8*	−0·3	384	+138
1061a	Derby	17 18	123 40	16·2	1004·2	1005·9	−1·6	309·2	312·6	10th	299·9	295·4	28th	304·6	..	+0·7	112	− 1
1062	Hall's Creek	18 13	127 46	373	966·3	1007·2	+0·2	307·7	311·9	1st	296·4	291·3	24th	302·0	*301·4*	−1·6	121	+ 31
1063	Darwin	12 28	130 51	29·6	1003·0	1006·4	−0·3	304·8	308·6	1st	297·7	295·7	24th	301·2	*300·0*	−1·3	241	− 12
1064	Daly Waters	16 16	133 23	211	983·2	1005·4	−0·5	309·6	313·6	2nd, 3rd	296·6	294·1	16th	303·1	*302·5*	−1·0	209	+102
1065	Palmerville	15 56	144 8	210	983·9	1007·1	+0·2	306·1	309·1	7th, 9th	295·8	293·6	13th	301·0	..	−0·7	208	+ 40
1066	Georgetown, Queensland	18 22	143 32	302	974·6	1007·9	−0·1	307·3	310·2	4th, 24th	294·8	293·0	3rd	301·1	..	−0·8	156	+ 11
1066a	Willis Island	16 18	149 59	8·5	1006·0	1007·1	−1·2	302·9	304·6	11th	297·8	295·3	22nd	300·3	*300·6*	−0·5	451	+360
1067	Samarai	10 37	150 40	6·1	..	1009·3	+0·7	306·1	..	..	297·5	..	..	301·8	*301·6*	+1·4	45	− 77
1070	Vila, New Hebrides	17 44	168 19	57·0	1001·8	1008·3	..	302·1	304·0	16th	294·7	293·0	2nd	298·4	*297·9*	..	306	..
1071	Rotuma, Fiji	12 30	177 0	27·4	1005·3	1008·5	..	303·4	305·2	30th	296·4	295·2	7, 15, 27	299·9	*299·7*	..	243	..
1072	Suva, Fiji	18 8	178 26	3·7	1009·5	1009·9	+1·4	302·9	306·3	31st	296·7	295·2	16th	299·8	*299·6*	+0·7	481	+163

BETWEEN LATITUDE 20° S. AND 30° S. — DECEMBER - ZONE 11 (AMERICA, AFRICA)

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		S. ° ′	W. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1101	Nukualofa, Tonga	21 8	175 12	3·0	1012·2	1012·5	..	301·3	303·6	31st	295·3	292·1	23rd	298·3	297·9	..	29	..
1105	Rarotonga (Avarua)	21 12	159 46	6·1	..	..	..	301·6	303·0	Sev.dates	293·4	288·6	9th	297·6	*297·4*	−0·3	318	+ 91
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1012·9	1015·7	+1·2	292·9	296·4	25th	286·9	284·0	31st	289·9	*289·8*	+0·1	0	0
1122	Antofagasta	23 42	70 24	94	1004·1	1015·2	−0·4	294·3	296·5	29th, 30th	288·0	286·0	10th	291·1	*291·2*	−1·1	0	0
1123	Catamarca	28 29	65 47	528	..	..	..	307·0	312·6	20th	293·4	285·1	24th	300·2	..	⌀0·3	70	+ 6
1124	Salta	24 46	65 24	1173	879·4	1004·9	−1·1	302·3	307·9	21st	287·9	282·5	8th	295·1	294·8	−0·1	70	− 71
1125	Goya	29 9	59 15	37	1004·6	1008·8	−0·2	306·7	312·5	2nd	290·8	285·5	8th	298·8	*299·3*	+1·5	122	0
1126	Asuncion	25 17	57 41	139	994·7	1010·4	+1·7	308·2	313·8	29th	295·3	287·5	8th	301·8	*300·8*	+1·0	172	+ 17
1127	Curityba	25 25	49 17	908	911·2	1011·9	−0·7	297·8	304·8	31st	287·2	282·1	14th	292·5	*291·2*	−1·2	60	− 82
1128	Rio de Janeiro	22 54	W. 43 10	18·3	1008·8	1010·9	−0·6	299·1	305·2	7th	293·9	291·1	12th	296·5	296·4	−1·2	173	+ 34
1139	Windhoek	22 34	E. 17 6	1727	828·7	1008·2	..	300·5	304·3	6th	288·8	284·7	1st	294·6	*294·1*	−1·9	133	+ 87
1140	⌀O'Okiep	29 36	17 52	933	908·9	1010·2	+0·6	304·0	305·2	3rd	289·9	283·6	1st	296·9	*296·7*	+2·7	6	+ 2
1141	Kimberley	28 44	24 46	1218	879·1	1009·2	+1·1	302·8	309·9	5th	290·5	286·8	18th	296·7	296·3	−0·7	88	+ 34
1141a	Johannesburg	26 11	28 4	1806	823·4	1013·4	+0·7	296·7	303·7	7th	285·2	279·1	18th	290·9	*290·5*	−0·7	151	+ 13
1142	Bulawayo	20 9	28 35	1349	866·7	1011·1	+0·7	298·9	304·7	7th	288·2	283·6	18th	293·6	293·1	−1·5	76	− 54
1143	Durban	29 52	31 3	15·2	1013·9	1015·7	+0·2	299·0	302·0	5th	293·2	289·7	18th	296·1	*295·7*	−0·1	193	+ 63
1144	Lourenço Marques	25 58	32 36	59·5	..	1014·7	+0·9	303·3	312·2	9th	293·8	290·5	19th	298·6	*297·9*	+0·2	63	− 30
1145	Tulear	23 20	43 40	6	..	1011·8	..	304·5	308·6	31st	293·0	290·0	4, 6, 16	298·7	..	..	16	..
1146	Fort Dauphin	25 1	46 58	14	..	1014·3	..	299·8	303·2	8th	294·3	288·7	4th	297·1	*296·7*	..	195	..
1147	Mauritius	20 6	57 33	55·2	1007·1	1013·4

DECEMBER - ZONE 11 (AUSTRALIA) TAPLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1005·5	1006·0	−1·0	307·7	313·6	19th,20th	294·3	289·7	2nd,17th	301·0	..	−0·5	11	+ 7
1160	Cue	27 27	117 52	454	960·9	1010·2	+2·2	309·7	315·2	24th	295·3	289·4	1st	302·5	..	+0·9	13	+ 1
1161	Nullagine	21 53	120 5	386	965·0	1007·0	+1·5	310·2	314·7	25,26,27	295·4	289·7	17,18,19	302·8	..	−1·5	115	+ 72
1162	Laverton	28 40	122 23	466	959·6	1011·0	+1·4	308·3	318·6	27th	292·2	286·3	5th	300·2	*300·0*	−0·1	18	− 3
1163	Alice Springs	23 38	133 35	579	945·0	1008·2	+0·7	305·2	311·3	4th	290·8	283·3	18th	298·0	*298·0*	−2·9	20	− 19
1164	William Creek	28 55	136 21	76·2	1003·0	1011·5	+1·5	306·4	314·1	31st	292·2	285·6	15th	299·3	*298·9*	−1·1	15	+ 1
1164a	Eoulia	22 55	139 38	146	990·0	1006·0	+0·1	310·2	314·8	5th	296·7	290·3	18th	303·4	*303·4*	−0·4	6	− 30
1165	Thargomindah	27 58	143 43	123	994·6	1008·4	+0·8	305·8	311·9	31st	294·1	289·2	15th	299·9	*299·5*	−1·5	58	+ 26
1166	Mitchell	26 32	147 52	336	972·3	1010·0	+1·9	302·9	307·6	31st	289·8	283·2	18th	296·3	..	−2·6	59	− 16
1167	Rockhampton	23 24	150 30	11·3	1007·9	1009·2	−1·1	303·5	308·6	14th	293·9	290·8	18th	298·7	*298·1*	−1·3	102	− 19
1168	Brisbane	27 28	153 2	41·8	1008·0	1012·4	+0·3	300·6	303·9	15th	292·3	289·4	18th	296·4	*295·8*	−1·2	132	+ 8
1170	Norfolk Island	29 4 S.	167 59 E.	14·9	1014·6	1016·4	+2·3	296·9	300·5	22nd	292·6	288·3	4th	294·8	*294·4*	+0·5	179	+ 92

DECEMBER - ZONE 12 BETWEEN LATITUDE 30° S. AND 40° S.

		S.	W.															
1221	Juan Fernandez	33 37	78 52	6	1018·2	1018·9	0·0	293·1	297·5	28th	287·4	283·5	9th	290·3	*290·4*	0·0	27	+ 6
1221a	Punta Tumbes	36 37	73 6	120	1001·8	1016·1	+1·0	291·2	295·2	17th	285·1	281·0	6th	288·1	*288·0*	+0·9	35	+ 17
1222	Punta Angeles, Valparaiso	33 1	71 38	41	1010·7	1015·6	+1·0	294·9	299·7	31st	285·6	282·5	8th	290·3	*290·3*	0·0	0	− 4
1222a	Santiago	33 27	70 42	520	954·7	1014·0	+1·5	300·2	305·5	12th	283·8	280·0	8th	292·0	*291·8*	−0·1	0	− 5
1223	Cordoba	31 25	64 12	423	960·6	1008·2	−0·7	303·3	310·0	5th	288·5	279·6	7th	295·9	295·5	+0·1	92	− 26
1224	Bahia Blanca	38 45	62 16	28·7	..	..	..	..	..	..	..	..	..	..	..	..	33	− 20
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1007·0	1009·9	−1·4	301·4	306·7	27th	288·5	280·3	12th	295·0	294·7	+0·1	80	− 18
1226	Montevideo (Prado)	34 52	56 12	24·9	..	1011·3	−0·2	300·6	307·2	20th	287·6	278·0	12th	294·1	294·0	+0·1	60	− 26
1226a	Porto Alegre	30 2	W. 51 13	23·5	1008·1	1010·8	−0·8	303·2	310·3	30th	289·9	283·2	16th	296·5	296·2	+0·1	14	− 88
1239	Cape Town	33 56	E. 18 29	12·2	..	1013·7	−0·3	300·9	308·7	11th	289·9	287·0	6th	295·4	*294·1*	+2·5	1	− 20
1240	Klaver	31 47	18 37	41·8	1008·8	1013·6	−2·0	306·3	313·0	19th	289·6	285·7	1st	297·9	..	+2·4	8	+ 6
1241	Riversdale	34 6	21 16	105	..	..	..	301·4	310·5	11th	287·9	284·1	1st	294·7	..	+0·9	11	− 20
1242	ǂEast London	33 1	27 54	45·4	1010·0	1015·3	+2·3	296·9	299·4	12th	290·6	286·6	17th	293·7	..	+0·4	36	− 20
1259	Perth (Observatory)	31 57	115 51	60·0	1006·8	1013·8	+0·4	301·8	312·3	22nd	290·2	284·2	4th	296·0	295·7	+1·4	1	− 14
1260	Katanning	33 42	117 35	310	979·5	1015·1	+1·9	301·8	311·7	23rd	285·5	280·1	28th	293·7	..	+0·4	7	− 9
1261	Coolgardie	30 57	121 10	423	964·9	1011·8	+0·8	305·6	316·3	26th	289·0	283·6	10th	297·3	*297·1*	+0·2	10	− 9
1262	Eucla	31 45	128 58	4·6	1015·1	1015·8	+2·8	295·3	308·0	9th	287·6	281·9	19th	291·4	*290·8*	−2·0	10	− 3
1263	Streaky Bay	32 48	134 13	13·1	1014·2	1015·6	+2·0	299·2	312·4	27th	286·1	281·9	17th	292·7	*291·9*	−1·6	7	− 4
1264	Adelaide	34 56	138 35	42·7	1009·8	1014·8	+1·6	300·6	311·7	28th	287·4	282·6	6th	294·0	*293·5*	−0·7	21	− 5
1265	ǂMelbourne	37 49	144 58	35·1	1010·1	1014·3	+1·6	296·7	305·2	29th	286·5	281·5	18th	291·6	*291·3*	+0·3	120	+ 61
1266	Bourke	30 13	145 58	110	1000·8	1013·3	+1·9	305·5	312·4	31st	290·6	284·1	16th	298·1	..	−2·8	88	+ 53
1267	ǂSydney	33 51	151 13	42·1	1008·9	1013·8	+2·0	297·1	305·1	5th	289·9	285·9	17th	293·5	*293·1*	−0·6	85	+ 10
1268	Lord Howe Island	31 20	159 0	4·9	1012·9	1013·4	−0·8	296·8	299·9	22nd	291·0	287·1	20th	293·9	..	−0·3	164	+ 45
1271	Auckland	36 51	174 48	40·8	..	1017·0	+3·1	294·8	298·6	11th	287·4	280·2	29th	291·1	..	+0·4	55	− 19
1272	Napier	39 29 S.	176 55 E.	1·5	..	..	..	294·1	303·7	16th	286·4	279·1	4th	290·2	..	−0·5	87	+ 27

DECEMBER - ZONE 13 BETWEEN LATITUDE 40° S. AND 50° S.

		S.	W.															
1301	Chatham Island	43 57	176 31	45·7	1006·6	1012·0	+5·4	..	..	..	..	..	..	..	..	..	35	− 24
1321	Isla Guafo	43 34	74 45	140	997·0	1013·8	−1·2	285·8	288·8	25th	282·2	277·8	4th	284·0	*284·1*	−0·1	64	− 7
1322	Punta Galera	40 1	73 44	40	1011·1	1015·9	0·0	289·3	292·0	27th	284·1	280·3	9th	286·7	*286·8*	+0·7	132	+ 40
1323	Sarmiento	45 33	69 1	272	974·8	1006·6	−0·7	294·4	301·2	17th	281·9	274·4	10th	288·2	288·0	−1·3	22	+ 17
1324	Puerto Madryn	42 46	W. 65 2	14	1006·6	1008·3	−0·1	296·3	302·5	12th	284·1	276·0	11th	290·2	*290·1*	−1·3	20	+ 11
1365	Launceston	41 27	E. 147 10	81·1	1003·9	1013·4	+4·3	296·3	301·9	29th	283·7	277·4	24th	290·0	*289·2*	+0·8	25	..
1366	ǂHobart	42 53	147 20	53·9	1006·6	1012·9	+3·5	293·3	305·1	29th	284·1	279·2	24th,27th	288·7	*287·9*	+0·1	49	− 4
1369	Invercargill	46 25	168 21	3·7	..	..	..	292·1	299·1	10th	282·2	276·3	25th,28th	287·1	..	+1·3	84	− 21
1370	Alexandra	45 15	169 24	159	..	..	..	295·8	301·6	13th	283·6	277·4	30th	289·7	289·6	..	24	..
1371	Dunedin	45 52	170 31	6·1	..	1012·9	+4·1	292·4	298·1	9th	282·2	274·7	25th	287·3	..	+0·9	47	− 45
1371a	Christchurch	43 32	172 39	7·6	..	1012·6	+3·3	293·6	300·9	22nd	283·8	276·9	25th	288·7	..	+0·1	75	+ 19
1372	Wellington	41 16 S.	174 46 E.	127	998·4	1013·5	+2·4	292·1	296·4	11th	285·0	278·9	25th	288·6	287·7	−0·1	23	− 59

DECEMBER - ZONE 14 BETWEEN LATITUDE 50° S. AND 60° S.

		S.	W.															
1421	Islota de los Evangelistas	52 24	75 6	55	999·3	1005·9	+4·3	284·0	287·2	25th,26th	282·5	280·5	Sev. dates	283·3	*283·2*	+3·2	149	−104
1422	Magallanes	53 10	70 54	8	1002·4	1003·4	+4·3	286·4	291·4	25th	278·0	272·8	9th	282·2	*282·6*	−0·9	14	− 19
1423	Punta Dungeness	52 24	68 26	5	1001·5	1002·1	+2·7	285·9	290·9	26th	276·0	273·4	20th	280·9	*281·7*	−2·1	21	− 6
1424	Santa Cruz	50 1	68 31	13	1003·9	1005·5	+3·9	290·0	296·4	11th	280·6	273·6	10th	285·3	284·7	−1·9	55	+ 34
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1000·3	+0·7	283·2	286·9	3,27,31	276·4	271·9	10th,14th	279·8	..	−1·6	83	+ 13
1426	Cape Pembroke	51 41	57 42	21·3	996·9	999·5	−0·1	282·1	285·9	31st	276·5	271·9	10th	279·3	279·6	−1·6	..	..
1429	S. Georgia (Cumberland Bay)	54 16 S.	36 30 W.	4	988·6	989·1	−5·4	279·7	284·9	6th	272·5	269·8	12th	276·1	275·8	−0·9	65	− 9

DECEMBER - ZONE 15 BETWEEN LATITUDE 60° S. AND 70° S.

		S.	W.															
1527	South Orkneys	60 43	44 47	7	989·3	990·2	−3·3	272·6	277·1	27th	269·0	264·5	10th	270·8	270·8	−1·5	12	− 14
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics.
ǂChange of normals, see Table of Authorities, pages 105-15.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE YEAR 1933
BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 90° N. AND 80° N. YEAR - ZONE 0

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
047	Calm Bay	80 20	52 48	5·9	1011·6	1012·4	..	..	279·1	July	..	238·1	Feb.	..	*262·5*	..	78	..

BETWEEN LATITUDE 80° N. AND 70° N. YEAR - ZONE 1

		N.	W.															
101	Wrangel Insel	70 58	178 33	3·0	1016·8	1017·2	+0·9	263·9	285·3	July	257·7	231·3	Jan.	260·8	*260·8*	−0·5	96	− 37
105	Barrow	71 23	156 17	4·6	..	1016·2	−0·1	262·4	291·3	July 30	256·3	230·8	Jan.31	259·2	..	−1·3	91	− 15
121	Pond Inlet	72 43	78 30	4·0	..	1012·3	..	261·2	288·6	Aug.14	255·3	225·8	Feb.6	258·3	*258·5*	−0·7	..	..
125	Upernivik	72 47	56 7	19·2	1006·8	1009·2	−1·2	270·5	290·4	July 24	264·3	240·5	Feb.4	267·4	267·2	+2·8	..	..
131	Myggbukta	73 29	21 34	3·2	..	1012·0	..	..	292·5	July 7	260·3	228·5	Feb.9	..	*264·9*	..	242	..
132	Scoresbysund	70 29	21 58	16·9	..	..	..	..	..	..	..	238·7	Feb.9	..	..	..	..	..
135	Jan Mayen	70 59	W. 8 18	23·1	1006·8	1009·7	+1·6	..	285·4	July 7	271·6	256·7	Feb.10	..	273·7	+0·8	587	+177
139	Svalbard Radio	78 13	E. 15 38	53·0	1003·8	1010·5	+0·6	..	285·2	July 19	266·7	247·1	Mar.4	..	269·2	..	271	..
140	Björnöen	74 28	19 17	29·2	1005·5	1009·2	+1·4	..	288·3	July 19	270·2	252·2	Mar.4	..	*272·5*	+1·3	586	+189
141	Ingöy	71 4	24 9	4·3	1010·0	1010·5	+2·7	..	293·5	July 19	274·2	258·4	Feb.23	..	*276·2*	+0·3	766	+141
142	Sletnes	71 5	28 14	10·2	1009·7	1011·0	+3·1	..	294·8	July 20	272·1	254·9	Jan.20	..	*274·8*	..	657	..
143	Vardö	70 22	31 6	12·1	1010·2	1011·7	+2·6	..	292·1	July 20	272·2	255·0	Dec.31	..	*274·5*	+0·8	672	+ 17
147	Malye Karmakouly	72 23	52 44	15·3	1011·0	1013·0	+2·9	..	289·6	July	..	242·7	Mar.	..	*266·9*	+0·1	178	− 66
148	Vaigatch	70 24	58 48	11·2	1011·9	1013·4	+3·2	268·0	296·1	July	261·8	235·8	Mar.	264·9	*264·8*	−1·7	178	− 8
149	Russian Harbour	76 14	62 39	9·3	..	..	..	..	286·1	July	..	236·4	Dec.	..	..	..	..	..
150	Cape of Desire (Zhelanya)	76 57	68 34	8·0	1011·5	1012·5	..	..	287·3	July	..	237·9	Jan.	..	*263·3*	..	98	..
153	Dikson	73 30	80 23	13·0	1010·7	1012·4	+1·6	263·2	284·6	July	257·5	229·1	Jan.	260·3	*260·3*	−1·3	147	− 12
162	Bulun	70 45	127 47	35	1012·3	1017·0	+1·0	..	302·3	June	..	216·2	Feb.	..	*260·1*	+0·7	..	..
165	Great Liakhov Is. (Cape Shalaurov)	73 11 N.	143 14 E.	7	1015·5	1016·4	..	..	287·7	July	..	228·8	Feb.	..	*257·9*	..	61	..

BETWEEN LATITUDE 70° N. AND 60° N. YEAR - ZONE 2

		N.	W.															
201	Cape Otto Schmidt	68 55	179 30	7·0	..	..	..	..	297·1	July	256·9	229·7	Feb.	..	*260·5*	..	227	..
202	Savoonga	63 43	170 20	5·5	..	..	..	..	..	..	264·5	238·6	Jan·27	..	..	..	145	..
203	Nome	64 30	165 24	6·7	1011·8	1012·5	+3·1	271·7	293·0	July 28	264·7	235·2	Jan.27	268·2	*268·7*	−1·1	228	−222
204	Bethel	60 45	161 47	11·6	..	1011·8	+4·4	274·2	296·3	July 21	265·8	232·4	Jan.24	270·0	..	−1·5	308	−175
205	Tanana	65 10	152 6	69·5	..	..	..	272·7	303·6	July 27	260·2	217·4	Jan.28	266·5	..	−1·6	223	−121
206	Rampart	65 30	150 15	114	..	..	..	..	301·9	July 27	..	..	..	..	..	..	..	..
206a	Holy Cross	62 16	159 50	15·2	..	..	..	..	298·6	July 23	..	..	..	..	..	..	..	..
207	Cordova	61 31	145 36	13·1	..	1007·1	−0·5	280·5	296·3	July 1,2	273·0	249·1	Jan.29	276·7	..	−1·0	3015	−558
208	Fairbanks	64 51	147 39	138	994·9	1013·2	..	273·0	304·1	July 28	261·9	221·9	Jan.28	267·5	*268·1*	−2·1	284	− 17
209	Dawson	64 4	139 29	324	974·9	1016·2	..	..	..	..	259·6	220·2	Jan ,Dec.	..	ǂ*265·6*	..	255	− 60
210	Aklavik	68 14	134 50	7·6	1015·3	1016·3	..	266·3	300·8	July 28	258·7	225·2	Dec.29,30	262·5	*262·4*	..	287	..
211	Fort Good Hope	66 15	128 38	65·2	1010·3	1018·9	..	268 6	303·6	June 27	257·6	219·7	Dec.30	263·1	*263·7*	−1·4	284	+ 41
212	Fort Simpson	61 52	121 15	126	998·7	1015·0	..	271·8	304·7	July 16	261·4	219·7	Dec.31	266·6	*266·7*	−1·6	284	− 60
213	Hay River	60 51	115 57	161	994·4	1015·1	..	270·9	302·4	Sept.9	260·9	222·4	Dec.31	265·9	*266·1*	−2·5	422	+135
214	Coppermine	67 49	115 10	4·6	1015·6	1016·2	..	263·4	300·2	June 29	256·3	231·3	Dec.18	259·9	*259·9*	..	..	..
218	Chesterfield	63 45	91 50	4·0	1011·8	1012·3	..	262·8	294·1	July 30	256·2	226·9	Feb.17	259·5	*259·5*	−1·8	257	..
221	Nottingham Island	63 7	77 56	16·5	1008·6	1010·7	..	265·8	288·6	July 22	260·1	234·7	Jan.6	262·9	262·9	..	293	..
223	Hope's Advance	61 5	69 33	73·2	..	..	..	..	297·4	July 12	..	..	..	..	..	..	..	..
224	Resolution Island	61 18	64 53	38·7	..	..	..	..	284·7	July 21,22	..	..	..	..	..	..	..	..
225	Jacobshavn	69 13	51 2	31·6	1001·6	1005·6	−3·2	..	289·2	July 22,23	266·5	243·9	Feb.3	..	*270·0*	+2·7	..	..
226	Godthaab	64 10	51 43	20	..	..	..	275·8	290·8	July 19	268·3	253·7	Jan.1	272·1	*272·6*	+1·6	427	−176
227	Ivigtut	61 12	48 10	30·0	1001·1	1004·8	−0·7	278·3	293·3	July 9	270·7	254·0	Jan.19	274·5	*274·7*	+1·1	1374	+235
229	Angmagsalik	65 36	37 33	29·3	1002·6	1006·3	−0·8	276·8	291·5	July 24	270·0	250·9	Mar.19	273.4	*273·3*	+1·9	..	..
231	Stykkisholm	65 5	22 46	25	..	1007·0	+0·8	281·3	292·7	Aug.5	275·7	262·9	Mar.20	278·5	278·2	+2·4	1187	+535
232	Vestmanno	63 24	20 17	122	..	1007·1	+1·7	280·9	290·9	July 11	276·9	266·0	Jan.,Feb.	278·9	*279·1*	+1·6	1542	+177
233	Grimsey	66 33	18 1	22	..	1007·5	−0·1	279·2	291·7	July 7	274·8	262·2	Mar.20	277·0	*276·8*	+2·2	..	..
233a	Akureyri	65 41	18 5	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
234	Teigarhorn	64 41	14 22	18	..	1008·7	+1·8	282·0	296·8	July 10	275·6	263·1	Feb.10	278·8	*278·3*	+2·2	400	..
235	Höjvig	62 3	6 45	22·9	1008·8	1011·6	+3·1	282·6	290·7	July 19	278·7	267·4	Feb.3	280·7	*280·8*	+1·5	1627	+461
236	Lerwick	60 9	W. 1 8	48·8	..	1013·1	+3·8	282·9	293·0	July 7	279·6	270·2	Feb.22,23	281·2	*281·3*	+0·9	1285	−176
237	Bergen, Fredriksberg	60 24	E. 5 19	44·4	1009·1	1014·5	+3·8	284·6	301·8	June 24	278·8	266·2	Feb.19	281·7	*281·5*	+1·4	778	−189
238	Oma	62 52	6 33	14·6	1011·8	1013·6	+3·7	..	296·1	June 20	279·2	265·9	Feb.19	..	*280·8*	+1·1	1487	−244
239	Trondheim	63 26	10 25	59·2	1006·7	1014·0	+3·7	282·0	303·0	July 8	275·4	256·1	Feb.16	278·7	*278·8*	+1·1	1117	− 40
240	Bodo	67 17	14 26	17·0	1010·1	1012·2	+3·4	..	298·8	June 20	275·0	258·5	Feb.21	..	*277·8*	+0·7	901	+111
241	Haparanda	65 50	24 9	9·2	1012·8	1014·0	+3·2	278·1	301·2	July 8	270·3	241·0	Jan.21	274·2	*274·3*	+0·9	1079	+173
242	Helsingfors	60 10	24 57	11·7	1013·4	1014·8	+2·1	281·0	304·5	July 9	274·8	250·4	Jan.22	277·9	*278·0*	+0·8	396	− 91
242a	Kuopio	62 55 N.	27 40 E.	233	985·8	1014·7	+2·7	278·1	304·2	July 10	271·6	244·8	Jan.22	274·9	*274·7*	+0·9	490	−129
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics.
ǂSee Table of Authorities, Remarks, pages 105-15.

YEAR - ZONE 2 cont.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 70° N. AND 60° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
243	Kola	68 53	33 1	6·7	1011·8	1012·7	+2·7	276·4	299·2	July 19	268·5	234·8	Dec.29	272·4	272·7	+0·4	390	+ 87
244	Petrorevodsk	61 47	34 23	79·0	..	..	..	278·8	303·9	July 11	271·6	241·7	Jan.22	275·2	275·0	−0·2	631	+ 76
245	Arkhangelsk	64 34	40 31	6·3	1013·5	1014·3	+2·4	277·2	304·1	July 19	269·4	239·4	Jan.2,Dec.30	273·3	272·9	−0·4	506	+ 79
246	Mezen	65 50	44 16	17·4	1012·2	1014·4	+3·3	274·9	303·4	July 13	266·6	235·0	Jan.2	270·8	270·6	−1·0	390	+ 63
247	Oust-Tsylma	65 25	52 18	73·8	1005·4	1014·9	+2·8	273·7	303·6	July 14	265·5	232·6	Dec.15	269·6	269·3	−1·5	409	− 13
248	Tcherdyn	60 24	56 31	208	990·4	1016·5	+1·8	276·0	304·5	July 1	267·8	236·4	Nov.29	271·9	271·3	−1·4	429	−136
249	Berezov	63 56	65 4	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249a	Yugor Strait	69 49	60 45	13·0	1011·8	1013·5	+3·3	267·6	296·7	Aug.	260·8	231·5	Mar.	264·2	264·5	−1·7	168	− 15
250	Obdorsk	66 31	66 35	35·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	New Port	67 42	72 57	3·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	48	..	..	..	..	..	..	..	..	..	..	..	..	..	..
253	Doudinka	69 23	86 4	226·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Viliouisk	63 45	121 35	120	1001·2	1016·9	..	..	303·5	June 24	258·4	219·7	Feb.9	..	263·7	+0·2	224	− 4
262	Iakoutsk	62 1	129 43	108	1003·1	1017·2	+1·2	268·4	305·4	June 28	256·2	214·6	Jan.15	262·3	262·5	−0·2	209	− 26
263	Verkhoiansk	67 33	133 24	100	997·4	1010·6	−2·7	..	305·8	June 25	251·7	207·5	Feb.6	..	257·8	+0·4	152	+ 27
264	Petropavlovskoe	60 25	134 28	2163	994·2	1015·7	..	..	306·4	July 5	257·4	213·7	Feb.4	..	263·3	..	363	..
268	Naiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Mariinskii Post	64 45	177 33	17·2	..	..	..	268·9	299·6	July 13	261·9	231·1	Feb.7	265·4	265·5	+0·1	148	− 39

YEAR - ZONE 3 BETWEEN LATITUDE 60° N. AND 50° N.

		N.	W.															
302	St. Paul Island	57 15	170 10	5·8	..	1010·5	+4·0	276·5	285·8	July 26	272·5	246·9	Mar.15	274·5	..	+0·4	444	−339
303	Dutch Harbor	53 55	166 30	4·0	1009·1	1009·8	+3·7	280·3	296·3	July 25	274·7	260·8	Mar.16	277·5	277·5	0·0	1220	−273
305	Dillingham	59 0	158 28	24·4	..	..	..	277·8	298·6	July 23,24	268·4	241·9	Jan.2,24	273·1	..	−1·2	482	−191
306	Kodiak	57 48	152 22	4·6	1007·4	1008·1	+2·1	..	295·8	June 18	274·3	258·0	Jan.24	..	277·4	..	1194	−175
309	Sitka	57 3	135 19	4·6	..	..	..	281·8	296·9	Aug.3	274·7	252·4	Dec.18	278·3	..	−1·3	1928	−227
310	Prince Rupert	54 18	130 18	51·8	1006·2	1012·6	−1·0	282·7	300·8	Aug.25	276·3	259·7	Dec.31	279·5	279·7	−0·9	2712	+213
311	Prince George	53 50	122 48	570	945·5	1014·2	..	282·6	306·3	Aug.16	269·3	228·0	Dec.24	275·9	276·0	−0·6	707	+258
312	Kamloops	50 41	120 20	385	969·5	1015·7	−3·3	286·2	310·2	July 24	276·3	248·6	Feb.9	281·2	281·3	−0·2	246	− 12
313	Calgary	51 2	114 2	1079	886·4	1011·6	−2·8	282·3	309·1	July 25	269·8	240·8	Feb.8,Dec.24	276·1	275·8	−0·3	330	− 74
314	Fort Smith	60 0	111 52	207	988·4	1014·8	..	273·4	303·6	Aug.12	261·3	221·9	Dec.28	267·3	267·3	−1·5	616	+294
315	Prince Albert	53 10	105 45	436	961·0	1014·8	−1·4	279·3	306·3	June 16,Aug.14	267·3	226·3	Dec.28	273·3	272·9	0·0	433	+ 35
316	Qu'Appelle	50 31	103 56	654	938·2	1016·8	+0·3	280·8	309·7	June 15,July 27	268·8	232·4	Feb.8	274·8	274·5	+0·4	487	+ 17
317	Minnedosa	50 15	99 50	515	952·0	1014·9	−1·2	279·7	309·1	June 17	267·8	230·8	Dec.28	273·7	273·5	−0·3	508	+ 78
318	Berens River	52 18	97 2	219	..	..	..	277·7	307·4	June 17	266·5	225·8	Dec.28	272·1	..	−0·5	577	+153
318a	Churchill	58 46	94 13	13·1	..	..	..	267·9	..	..	260·0	230·8	Dec.5	263·9	..	..	..	..
319	Pagwa	50 3	85 18	189	..	..	..	..	..	..	..	..	..	..	..	..	..	..
320	Moose Factory	51 14	80 30	8·8	..	..	..	277·1	307·4	July 21	263·3	228·6	Dec.28	270·2	..	−2·0	..	..
320a	Moosonee	51 13	80 31	8·8	..	1015·3	..	275·9	305·2	July 5,21	264·2	230·8	Dec.28	270·1	269·7	..	690	..
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 30	73 55	383	..	..	..	..	302·4	Aug.22	..	..	..	..	..	..	..	..
323	Fort Chimo	58 10	68 10	15·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
324	Natashkwan	50 14	61 48	6·1	..	..	..	278·4	298·6	July 15	268·0	238·6	Dec.28	273·2	..	+0·1	1177	+274
326	Belle Isle	51 53	55 23	130	..	..	..	..	..	..	..	244·7	Jan.13	..	..	..	..	..
334	Valentia Observatory	51 56	10 15	13·7	1014·1	1015·7	+2·0	286·2	297·7	July 5	281·5	269·0	Jan.26	283·9	284·1	+0·6	1147	−295
335	Aberdeen	57 10	W. 2 6	26·0	1011·3	1014·5	+3·2	284·8	300·1	Aug.3	279·2	267·3	Jan.28	282·0	282·1	+1·3	672	−101
336	Greenwich	51 29	0 0	46·3	..	1016·4	+1·3	288·3	308·6	Aug.6	279·3	266·3	Jan.23	283·8	283·6	+0·9	431	−165
337	Uccle	50 48	E. 4 22	100	1004·3	1016·5	+0·8	287·2	307·4	July 27	278·1	260·6	Dec.14	282·6	282·2	−0·1	738	− 66
338	De Bilt	52 6	5 11	3·0	1015·9	1016·3	+1·2	286·7	307·0	July 27	278·0	259·9	Dec.14	282·3	282·0	−0·1	510	−220
338a	Hamburg	53 33	9 58	40·3	1012·5	1017·4	+2·7	285·5	304·4	July 9	278·4	260·8	Dec.14	281·9	281·6	+0·2	576	−156
339	‡ Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1015·5	1016·1	+2·4	284·7	301·3	July 8	278·3	262·6	Jan.23	281·5	281·6	+1·7	478	− 93
340	Potsdam	52 23	13 4	84·9	1006·2	1016·6	+1·3	285·6	306·7	July 28	276·7	253·5	Dec.16	281·1	280·9	−0·4	507	− 67
340a	Uppsala	59 51	17 38	24	1012·0	1014·9	+2·8	282·9	310·4	July 9	274·2	250·7	Jan.23	278·5	278·7	+0·8	445	− 95
341	Warsaw	52 13	21 3	88·3	1005·5	1016·4	−0·1	283·4	306·1	July 28	275·8	243·9	Jan.26	279·6	279·6	−1·4	468	− 86
342	Tartu	58 23	26 43	80·8	1004·7	1014·7	+1·2	281·0	304·9	July 10	273·7	250·1	Jan.24	277·4	277·5	0·0	542	0
343	Leningrad	59 56	30 16	8·6	1013·8	1014·9	+1·6	280·2	303·0	July 12	273·7	246·4	Jan.21	277·0	276·9	−0·1	595	+106
344	Moscow	55 50	37 33	167·2	995·6	1016·4	+0·3	279·5	304·0	July 18	272·0	240·8	Jan.21	275·8	275·6	−1·0	678	+112
345	Saratov	51 34	46 0	135	1000·7	1017·4	−0·2	281·9	310·2	July 19	272·4	240·9	Jan.20	277·2	276·7	−0·4	399	..
346	Kazan	55 47	49 8	82·4	1007·1	1017·4	+0·2	280·2	308·4	July 18	271·5	240·2	Jan.23	275·8	275·6	−0·7	397	− 34
347	Orenburg	51 45	55 6	109	1005·2	1018·8	−0·9	281·6	311·6	July 19	270·6	237·5	Jan.19	276·1	275·8	−0·9	254	−103
348	Perm	58 1	56 16	159	996·7	1016·7	+0·2	278·5	307·0	Jun.30,Jul.14	269·0	237·2	Dec.4	273·7	273·3	−0·9	416	−176
349	Sverdlovsk	56 50	60 38	281	982·4	1017·4	+1·2	278·0	306·5	July 18	268·8	238·8	Dec.3	273·4	272·7	−1·1	437	+ 47
350	Tobolsk	58 12	68 14	108	1004·8	1017·5	+1·0	277·0	306·3	June 30	267·5	233·1	Nov.30	272·2	271·5	−1·4	275	−160
351	Akmolinsk	51 12	71 23	347	976·4	1020·1	−1·0	280·2	308·6	June 23	268·1	237·5	Feb.28	274·2	273·8	−0·6	269	− 16
352	Omsk	55 1	73 19	108	1005·0	1018·3	+0·1	277·5	305·3	July 18	267·0	235·3	Dec.26	272·2	271·9	−1·3	318	− 2
353	Barnaoul	53 20	83 47	158	1000·8	1020·7	+0·2	279·3	307·0	Aug.8	267·2	230·7	Jan.10	273·2	272·9	−0·9	404	+ 44
354	Tomsk	56 30	84 58	123	1003·6	1019·1	+0·5	276·5	304·6	July 24	266·2	224·4	Jan.9	271·4	270·9	−1·2	588	+ 54
355	Minousinsk	53 43	91 41	249	990·2	1021·6	+0·5	278·1	307·2	June 25	264·4	226·1	Mar.3	271·3	271·0	−2·4	333	+ 29
356	Eniseisk	58 27	92 10	78	1008·8	1018·9	..	..	306·0	July 24	263·5	218·7	Jan.9	..	269·1	−2·2	428	+ 4
357	Irkutsk	52 16	104 19	467	963·4	1021·4	+0·5	277·9	304·4	July 26	265·1	233·2	Jan.11	271·5	270·9	−0·8	426	+ 48
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	665	937·0	1018·7	+0·6	276·1	304·3	July 29	263·3	231·8	Jan.18	269·7	269·6	−0·5	361	+ 48
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15. †Estimates not based on at least six equally spaced observations each day are in italics.
‡See Table of Authorities, Remarks, pages 105-15.

YEAR 1933

YEAR - ZONE 3 cont.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
361	Tygan Ourkan	54 5	124 46	379	968·4	1016·0	+0·5	276·1	305·8	July 2	261·9	229·9	Jan.6	269·0	269·1	+0·2	458	− 18
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	996·7	1014·5	−0·1	279·2	306·3	July 8	268·1	236·7	Feb.9	273·6	273·2	+0·2	558	+ 69
364	Chantar Bolchoy	54 50	137 30	?20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 43	42·2	1007·1	1012·5	+0·9	275·8	304·8	July 31	266·0	234·3	Jan.12	270·9	270·7	+0·2	594	+147
366	Okhotsk	59 21	143 17	5·5	1011·9	1012·6	+0·5	272·3	304·3	June 28	265·2	234·8	Feb.5	268·8	268·4	+0·9	251	− 46
368	Petropavlovsk (Phare)	52 53	158 43	87·1	996·8	1007·6	+0·1	277·0	299·5	Aug.8	271·1	249·8	Jan.31	274·0	273·5	+0·1	..	..
369	Kluchevskoye	56 21	160 48	23·5	1007·9	1010·8	..	..	..	..	267·4	231·0	Jan.28	..	271·5	..	491	..
370	Nikolskoe	55 12	165 59	6·8	1007·1	1008·0	..	..	..	..	272·5	252·6	Jan.26	..	274·9	..	500	..
		N.	E.															

YEAR - ZONE 4 BETWEEN LATITUDE 50° N. AND 40° N.

		N.	W.															
411	Victoria, B.C.	48 24	123 19	69·5	1007·2	1015·7	−0·6	285·5	305·8	Aug.15	279·4	264·7	Feb.9	282·4	282·2	−0·3	945	+175
412	Portland, Oregon	45 32	122 41	46·6	1012·2	1017·4	−0·1	289·0	311·9	Aug.15	280·7	261·9	Feb.9	284·9	284·5	+0·5	1343	+238
413	Macleod	49 44	113 24	953	..	..	..	284·8	310·8	July 26	272·7	240·2	Dec.24	278·7	278·8	+0·4	432	+ 57
414	Helena	46 34	112 4	1257	872·0	1014·7	−1·3	286·5	310·2	July 25	274·8	235·8	Feb.9	280·6	280·6	+1·2	299	− 40
414a	Salt Lake City	40 46	111 54	1328	867·6	1015·5	+0·1	290·5	311·3	July 25	279·5	249·7	Feb.10	284·5	284·8	+0·5	285	−131
415	Cheyenne	41 8	104 48	1857	812·0	1014·3	−0·4	288·1	306·9	July 29	274·7	243·0	Feb.7	281·4	281·7	+1·4	428	+ 72
416	North Platte	41 8	100 45	860	915·3	1014·7	−1·6	291·7	313·0	July 28	272·9	234·1	Feb.7	279·3	279·4	+1·5	276	−157
416a	Bismarck	46 47	100 48	510	953·2	1014·4	−2·1	285·7	314·1	June 18	272·9	231·9	Feb.7,Dec.28	274·6	274·4	+0·2	539	+ 26
417	Winnipeg	49 53	97 7	232	986·1	1014·9	..	280·4	309·1	June 17	269·8	236·9	Feb.9	275·6	276·3	+0·1	649	− 83
418	Duluth	46 47	92 6	345	972·9	1014·8	−1·5	281·6	308·0	June 19	271·4	236·9	Feb.9	276·5	275·3	+0·4	696	+107
419	Port Arthur	48 27	89 12	196	990·6	1014·9	−1·0	280·3	305·8	July 12	270·7	238·6	Feb.9	275·5	275·3	+0·8	812	− 27
420	Chicago	41 47	87 35	205	991·2	1015·9	−0·9	287·9	310·8	June 27	279·9	244·7	Feb.9	283·9	283·7	+0·8	606	−189
421	Toronto	43 40	79 24	116	1001·5	1015·7	−1·1	286·1	309·7	July 30	277·1	243·0	Dec.29	281·6	281·5	+1·3	606	+246
422	#New York (Central Park)	40 47	73 58	47·4	1010·2	1016·0	−1·1	289·5	311·9	July 31	281·2	251·9	Dec.30	285·3	285·1	+0·7	1359	+230
423	St. John, N.B.	45 17	66 4	36·3	1009·4	1013·9	..	282·8	299·7	June 10	274·2	243·6	Dec.30	278·5	278·1	+0·4	1450	+185
424	S.W. Point, Anticosti	49 24	63 33	9·1	1010·1	1011·2	..	277·9	294·7	July 18	270·2	248·6	Dec.26	274·1	274·3	−0·5	974	− 5
424a	Sable Island (Main Station)	43 57	60 6	7·6	1013·3	1014·2	..	283·3	296·9	Aug.20	277·6	256·3	Dec.29	280·4	280·3	+0·4	1297	− 5
426	St. John's, Newfoundland	47 34	52 42	74·1	..	..	..	..	299·7	Jan.,Jul.,Aug.	..	..	..	..	..	..	..	..
435	Madrid	40 24	3 41	667	939·1	1015·8	−1·8	292·7	311·9	Aug.8	281·8	267·0	Dec.19	287·2	286·1	+1·0	386	− 32
436	Nantes	47 15	W. 1 34	36·5	1011·8	1016·1	−0·7	289·0	309·3	July 26	280·3	263·0	Dec.12	284·7	284·4	+0·3	538	−248
437	Paris (Parc St. Maur.)	48 49	E. 2 30	50·3	1011·0	1017·1	+0·4	288·3	309·2	July 27	279·3	261·6	Dec.12	283·8	283·7	+0·5	549	− 13
438	Marseille	43 18	5 23	75	..	1014·1	−0·9	292·2	306·2	July 9	282·4	266·3	Jan.24	287·3	287·0	−0·1	689	+114
438a	Zürich	47 23	8 33	493	958·7	1017·3	−0·4	286·8	307·6	Aug.11	277·7	260·0	Dec.17	282·2	281·5	−0·1	1030	− 79
439	Rome	41 54	12 29	45·5	1008·9	1014·3	−0·8	293·6	309·0	July 15	284·6	272·9	Feb.18	289·1	289·0	+0·6	1079	+248
440	Vienna	48 15	16 22	203	992·7	1017·3	+0·7	285·0	305·8	July 28	278·3	257·7	Dec.15	281·7	281·6	−1·0	615	− 33
440a	Budapest	47 31	19 1	130	1000·6	1016·4	−0·2	288·0	310·2	July 16	279·0	260·4	Dec.19	283·5	283·0	−0·5	673	+ 35
441	Sofia	42 42	23 20	550	951·7	1016·7	−0·8	286·8	306·3	Aug.22	277·9	257·0	Dec.24	282·3	282·2	−0·8	756	+111
442	Bucharest	44 25	26 6	82	1006·7	1016·7	−0·1	288·4	309·3	Aug.21	275·1	249·2	Jan.28	281·7	282·3	−1·3	784	+195
443	Odessa (Observatory)	46 26	30 46	42·8	..	..	..	284·4	304·6	July 29	278·1	253·8	Jan.26	281·2	280·8	−2·0	516	+122
444	Novorossiisk	44 44	37 49	37·1	1011·2	1015·7	−0·4	288·1	306·0	July 18	281·0	253·8	Dec.3	284·6	284·4	−1·3	1083	+380
445	Tiflis	41 43	44 48	404	968·6	1016·2	−1·3	290·8	309·5	Aug.25	281·2	260·8	Jan.11	286·0	285·4	0·0	424	− 77
446	Astrakhan	46 21	48 2	− 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
447	Fort Alexandrovsk	44 31	50 7	− 23·0	1019·5	1016·7	−0·7	287·4	308·3	Aug.14	280·5	255·2	Feb.11,Dec.31	284·0	283·5	−0·5	147	+ 43
448	Krasnovodsk	40 0	52 59	− 7·4	1016·2	1015·3	−1·2	292·7	313·2	Aug.8	284·9	266·5	Jan.10	288·8	288·2	−0·5	89	− 50
449	Kasalinsk	45 46	62 7	66·7	1010·3	1018·5	0·0	286·4	312·1	Aug.30	274·0	242·1	Feb.28	280·2	279·9	−0·4	85	− 30
450	Tashkent	41 20	69 18	479	959·2	1015·1	−1·9	292·9	312·2	July 11	279·6	252·9	Jan.24	286·2	285·7	−0·5	547	+200
451	Andijan	40 44	72 20	496	957·4	1015·3	..	292·8	311·8	June 19	280·1	247·3	Jan.24	286·4	285·7	..	253	..
452	Alma Ata	43 16	76 55	848	920·0	1018·3	−0·6	287·5	309·4	Aug.17	276·5	249·1	Jan.6	282·0	281·5	..	387	−184
459	Peiping	40 0	116 22	84·5	1010·3	1020·6	..	289·7	310·7	July 15	277·8	256·2	Jan.12	283·7	283·7	..	885	..
461	Fengtien (Moukden)	41 47	123 24	44·3	1011·5	1017·0	+0·5	286·4	308·7	July 17	274·1	245·1	Feb.18	280·3	280·0	−0·1	721	+ 53
462	Joshin	40 40	129 12	31·9	1012·4	1016·3	+1·2	285·5	304·4	July 23	277·6	254·0	Jan.27	281·5	281·1	+0·2	739	+ 29
463	Yuki	42 20	130 24	63·8	1008·2	1016·2	+1·0	283·0	306·4	July 23	275·5	251·2	Jan.12	279·2	279·1	−0·1	825	+ 87
464	Vladivostok	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
465	Ochiai	47 20	142 47	27·4	1008·8	1012·2	+0·5	280·4	305·4	Aug.5	270·6	241·5	Jan.31	275·5	275·4	+0·6	789	− 60
466	Nemuro	43 20	145 35	26·7	1009·5	1012·8	+0·2	282·1	302·3	Aug.23	275·1	253·4	Feb.17	278·6	278·7	+0·2	1208	+249
466a	Syana	45 14	147 53	39·3	1007·1	1011·9	+0·1	281·0	301·0	Aug.4	273·5	251·5	Mar.9	277·3	277·2	−0·1	1156	+125
		N.	E.															

BETWEEN LATITUDE 40° N. AND 30° N. YEAR - ZONE 5 (AMERICA)

		N.	W.															
511	San Francisco	37 48	122 26	47·2	1011·2	1016·8	0·0	290·2	306·3	Oct.5	282·8	275·2	Jan.10	286·5	285·8	+0·7	432	−135
512	Sacramento	38 35	121 30	**20·1	1013·2	1015·6	0·0	295·3	316·9	Aug.13	282·0	271·3	Feb.10	288·6	288·8	+0·1	308	−164
513	San Diego	32 43	117 10	26·5	1012·2	1015·4	+0·1	291·8	303·6	Nov.13	284·8	276·9	Jan.20,Feb.4	288·3	288·0	−0·6	208	− 33
514	Modena	37 48	113 54	1668	833·7	1014·6	+0·1	290·3	309·7	Jul.13,Aug.13	273·2	240·2	Feb.10	281·8	281·6	+0·2	220	− 50
515	Santa Fe	35 41	105 57	2138	788·0	1014·4	+0·5	289·3	305·2	July 11	276·3	249·7	Feb.8	282·8	282·7	+0·6	331	− 41
516	Denver	39 45	105 0	1613	836·4	1013·7	−0·5	291·7	309·1	July 28	278·2	246·3	Feb.8	284·9	285·1	+2·0	307	− 55
517	Abilene	32 23	99 40	530	953·9	1014·6	−0·9	299·6	315·8	July 14	285·9	252·4	Feb.8	292·8	292·0	+2·2	451	−161
518	Saint Louis	38 38	90 12	173	995·2	1015·9	−1·4	293·1	312·4	July 2	282·9	252·4	Feb.8	288·0	287·9	+1·7	883	−125
519	Mobile	30 41	88 2	17·4	1014·9	1017·0	−0·7	298·3	309·7	June 19	289·4	264·7	Feb.9	293·8	293·4	+1·6	1554	− 33
520	Nashville	36 10	86 47	166	997·9	1018·0	−0·6	294·7	310·2	June 7	283·9	256·3	Feb.9	289·3	289·4	+1·1	1337	+132
521	Charleston	32 47	79 56	14·6	1015·9	1017·6	−0·6	297·1	310·2	June 5	289·0	269·7	Feb.9	293·0	293·0	+1·4	1342	+113
522	Washington	38 54	77 3	34·1	1012·5	1016·6	−1·2	291·9	310·8	June 9	282·1	259·7	Dec.30	286·9	286·6	+1

YEAR - ZONE 5 (EUROPE, AFRICA, ASIA) TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 8	40	1015·7	1021·1	−0·4	293·5	303·5	Aug.18	288·8	279·9	Mar.22	291·2	291·0	+0·6	1321	−205
531	Horta	38 32	28 38	65	1013·1	1021·0	−0·6	293·8	303·2	July 15	288·0	279·8	Mar.22	290·9	290·8	+0·2	984	−106
532	Ponta Delgada	37 44	25 40	22	1018·6	1021·2	−0·1	292·9	300·0	Aug.15 Sept.3	288·2	281·5	Mar.25	290·5	290·6	+0·3	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	1284	+153
533	Madeira (Funchal)	32 38	16 55	25	1016·5	1019·5	−0·3	294·3	299·6	July 12	288·3	281·0	Dec.16	291·3	*291·5*	+0·3	485	−204
535	Lisbon	38 43	9 9	95	1006·0	1017·3	−0·2	292·3	312·2	July 31	285·3	273·2	Jan·25	288·8	288·6	−0·1	566	−178
536	Gibraltar	36 6	5 21	27·4	..	1016·6	−1·4	295·1	308·6	Aug.9	286·7	274·7	Dec.17,18	290·9	*290·1*	0·0	1252	+356
536a	Colomb-Béchar	31 37	W. 2 13	769	927·2	1013·3	−1·1	299·5	314·1	July 7	287·2	270·8	Jan.12	293·4	*292·9*	+0·5	119	+ 43
537	Palma	39 34	E. 2 39	23	1012·2	1014·9	−2·4	294·9	307·6	Sept.17	283·6	271·5	Dec.17	289·3	*288·4*	−1·1	707	+227
538	Algiers	36 46	3 13	59	1008·7	1015·7	−0·7	294·7	312·2	Sept.14	288·5	275·0	Feb.21	291·6	291·3	+0·5	793	+ 11
538a	Gadames	30 8	9 30	361	..	..	..	305·5	328·2	June 28	285·5	270·5	Jan.16,Dec.26	295·5	..	0·0	56	+ 34
539	Tunis	36 48	10 10	66	1007·2	1015·0	−0·8	295·7	314·2	July 15	285·9	274·6	Feb.24	290·8	*290·6*	+0·1	492	+ 74
540	Malta	35 54	14 31	71·2	..	1015·0	+0·1	294·2	307·4	July 16	288·6	278·6	Feb.21	291·4	*290·7*	−0·5	520	+ 16
541	Athens	37 58	23 43	107	1002·1	1014·8	−0·1	294·5	310·2	Aug.23	286·3	271·2	Dec.24	290·4	289·8	−0·5	415	+ 18
542	Alexandria	31 12	29 53	32	1011·3	1015·1	+0·5	298·5	312·6	June 8	289·3	279·0	Dec.25	293·9	293·3	0·0	88	−100
543	Ankara	39 58	32 48	861	915·9	1014·9	−1·0	289·5	308·0	Aug.23	277·0	252·7	Dec.25	283·3	*283·4*	..	336	..
543a	Nicosia (P.W.D.)	35 9	33 22	159	..	1012·5	0·0	298·0	312·4	June 24	284·8	270·2	Jan.7	291·4	..	−0·5	238	−149
544	Beirut	33 54	35 28	33·7	..	1013·4	−0·3	296·8	310·1	Aug.1	289·9	278·2	Dec.26	293·4	*293·1*	−0·2	491	−395
545	Hinaidi	33 17	44 29	32·9	1006·8	1010·6	−0·7	302·7	319·7	Aug.26	287·1	266·9	Jan.10	294·9	*295·0*	−0·7	94	− 43
546	Lenkoran	38 46	48 51	−20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	Tehran	35 41	51 25	1220	..	..	..	295·7	314·1	July 11	283·2	263·6	Jan.11	289·4	*289·2*	−0·1	197	− 41
548	Meshed	36 17	59 36	946	..	..	..	294·7	311·9	Aug.	..	..	..	..	..	..	227	− 10
549	Seistan	31 2	61 30	2610	954·4	..	..	301·9	317·4	Jul.25,26	286·9	267·4	Jan.4	294·4	..	+0·9	69	+ 16
550	Quetta	30 10	67 1	1647	834·2	..	−0·9	296·6	312·4	Jun.22,Jul.8	280·8	264·7	Jan.7	288·7	*288·5*	+0·8	253	+ 6
551	Peshawar	34 1	71 35	355	969·7	1010·3	−0·3	302·5	319·7	June 9	289·1	271·9	Jan.14	295·8	*295·2*	+0·4	356	+ 14
551a	Lahore	31 35	74 20	214	984·6	1009·1	+0·3	303·5	319·1	May 31	289·8	271·9	Jan.14	296·7	*296·1*	−0·7	497	0
552	Simla	31 6	77 10	2202	781·0	..	+0·2	289·3	299·7	June 9,17	282·6	267·4	Mar.25	285·9	*285·7*	−0·4	1569	− 44
552a	Leh	34 9	77 34	3503	666·4	..	+0·2	285·1	301·9	July 8	271·4	246·9	Jan.28	278·3	*277·4*	−0·6	231	+150
558	Sian	34 31	109 5	365	971·7	1014·3	..	293·3	315·5	July 16	284·0	261·0	Jan.28	288·7	288·9	..	658	..
559	Hankow	30 35	114 17	39·1	1012·4	1017·2	+0·2	293·9	312·4	Aug.8	286·4	260·0	Jan.17	290·2	*289·9*	+0·1	1557	+326
560	Tientsin	39 9	117 9	6·4	1016·8	1017·5	+0·3	291·0	313·5	July 15	279·7	255·4	Jan.12	285·4	*285·0*	−0·1	448	− 87
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	1015·6	1016·4	−0·1	293·9	310·6	Aug.7	284·7	264·6	Jan.29	289·3	288·5	+0·4	1002	−136
562	Jinsen (Chemulpho)	37 29	126 38	70·4	1008·6	1017·1	+0·8	288·4	308·4	July 21	280·1	257·6	Jan.26	284·3	283·8	+0·1	1225	+214
562a	Nagasaki	32 44	129 52	133	1000·0	1015·8	+0·4	292·7	306·2	July 21	285·4	267·8	Jan.26	289·1	288·4	−0·3	1586	−370
563	Kyoto	35 1	135 44	42·9	1010·6	1015·8	+1·1	293·4	309·0	July 30	282·5	266·0	Jan.29	288·0	287·4	+0·7	1331	−250
564	Tokyo	35 41	139 46	5·8	1013·7	1014·4	+0·3	292·2	308·4	July 24	283·7	267·6	Jan.28	287·9	287·7	+0·9	1010	−519
565	Hukusima	37 45	140 28	68·5	1006·7	1015·0	+0·9	290·8	310·2	July 24	280·3	262·6	Jan.20	285·5	285·2	+0·4	1082	−144
566	Miyako	39 38	141 59	30·4	1010·2	1013·9	+0·3	289·1	310·3	July 23	278·5	260·1	Jan.28	283·8	283·1	+0·1	881	−532
		N.	E.															

YEAR - ZONE 6 (AMERICA, AFRICA) BETWEEN LATITUDE 30° N. AND 20° N.

		N.	W.															
601	Midway Island	28 13	177 22	5·8	1017·1	1017·8	..	299·3	304·7	Aug.	..	..	..	..	..	..	1307	+255
605	Honolulu	21 19	157 52	11·6	1015·9	1017·4	+0·6	298·8	302·4	Nov.15	293·7	288·0	Apr.4	296·2	*296·1*	−0·5	507	−270
613	Guaymas	27 55	110 53	8·3	1011·3	1012·2	−0·4	302·6	314·5	Sept.16	292·8	281·5	Jan.23	297·7	*297·0*	−0·1	234	− 51
614	La Paz, Mexico	24 10	**110 18	**18	..	..	..	..	..	..	..	..	..	..	..	..	..	..
615	Leon	21 7	101 41	1809	819·4	1017·6	−2·4	300·1	308·2	May 14	284·1	273·3	Jan.1	292·1	*291·7*	+0·1	680	+ 38
616	Monterry	25 40	100 18	528	953·4	1012·8	−0·7	300·8	313·9	May 9	290·6	269·5	Feb.8	295·7	*295·0*	+0·6	1311	+778
617	Tulancingo	20 5	98 22	2181	790·1	..	−0·2	296·9	307·7	May 6	281·0	268·2	Jan.1	288·9	*287·9*	0·0	507	− 54
618	Galveston	29 18	94 50	16·5	1013·9	1015·9	−1·1	297·9	308·6	June 22	292·8	265·8	Feb.8	295·4	*295·0*	+1·6	1156	− 16
618a	New Orleans	29 57	90 4	16·2	1014·9	1016·8	−0·3	299·3	310·2	June 20	291·2	266·3	Feb.9	295·3	*294·8*	+1·5	1230	−202
619	Merida, Yucatan	20 58	89 38	22	1011·2	1013·7	−1·4	303·6	313·2	May 5	294·8	288·0	Dec.	299·2	*298·4*	+0·4	974	+ 78
620	Havana	23 7	82 25	77·0	1005·7	1014·6	−1·6	301·8	307·1	May 10	294·5	287·0	Jan.30	298·1	297·8	+0·3	1083	−106
620a	Key West	24 33	81 48	6·7	1015·2	1015·8	0·0	301·3	307·4	July 30	295·7	285·8	Jan.30	298·5	*298·1*	+0·6	1320	+352
621	Nassau, Bahamas	25 5	77 20	5·4	..	1016·9	−0·1	301·3	308·0	Sept.18	295·4	287·4	Jan.29	298·3	*298·3*	+0·2	520	−776
622	San Salvador (Watling Island)	24 6	74 26	33·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
633	Port Etienne	20 56	17 3	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
634	La Laguna	28 28	16 20	547	952·8	1015·6	−2·4	292·9	304·4	July 13	284·0	274·0	Dec.26	288·5	*289·0*	−0·9	472	− 86
634m	Izana	28 19	16 30	2367	769·3	..	0·0	..	298·3	July 29	..	..	..	..	*281·8*	..	277	−245
636	Adrar	27 52	W. 0 17	285	980·9	1013·1	..	304·5	322·3	July 4	288·9	271·6	Dec.21	296·7	*298·0*	..	36	..
638	Tamanrasset (Fort Laperrine)	22 47	E. 5 31	1350	864·7	1008·4	+0·1	300·5	311·1	June 29	286·7	270·0	Dec.21	293·6	294·0	−0·9	159	+102
639	Gat	24 58	10 11	566	..	..	..	306·1	319·8	Aug.6	291·7	274·1	Dec.22	298·9	..	..	..	..
640	Hon	29 8	15 56	207	..	..	..	303·3	322·3	June 17	285·3	271·5	Dec.27	294·3	..	..	82	..
641	Ghirabub	29 44	24 31	15	..	..	..	302·2	319·7	June 18	287·8	274·2	Dec.25	295·0	..	..	17	..
642	Siwa	29 12	25 29	−15	1016·8	1015·1	−1·2	..	..	..	284·1	270·5	Dec.30	..	*293·0*	..	12	+ 3
643	Cairo (Helwan)	29 52	31 20	116	1000·4	1013·9	−0·1	301·2	320·5	June 13	288·7	276·9	Dec.26	294·9	294·7	+0·3	15	− 18
643a	Aswan	24 2	32 53	100	999·6	1011·0	−0·6	308·0	322·8	June 10	291·7	277·3	Dec.27	299·9	*299·0*	+0·6	..	..
644	Tor	28 14	33 37	1·9	1011·2	1011·4	0·0	300·8	315·0	June 19	290·1	276·5	Dec.27	295·5	*295·1*	+0·1	10	− 4
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.
**Station moved from 110° 20′ W., 12 m. to 110° 18′ W., 18 m. from July 1st.
†Estimates not based on at least six equally spaced observations each day are in italics.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N. YEAR - ZONE 6 (ASIA)

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		°	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	E.															
647	Bushire	28 59	50 49	4·3	1007·8	1008·3	..	300·1	310·8	Aug.13,14	292·9	278·6	Jan.1	296·5	295·9	−0·5	140	−131
648	Jask	25 45	57 45	4·0	1008·1	1008·5	..	303·4	313·0	Sept.13	295·9	285·2	Jan.1	299·7	*299·1*	0·0	160	+ 45
649	Manora (Karachi)	24 48	66 59	4·0	1009·1	1009·6	−0·3	301·9	309·7	Sept.11	295·2	283·6	Jan.25	298·6	*298·0*	+0·2	510	+320
650	Jacobabad	28 17	68 29	56·7	1001·7	1008·2	−0·3	307·3	321·3	May, June	292·6	274·1	Jan.25	299·9	*299·3*	−0·1	146	+ 52
650a	Jaipur	26 55	75 50	436	960·8	1009·8	0·0	304·4	318·6	May 31	290·9	274·7	Jan.15	297·7	*297·1*	−1·0	996	+382
651	Nagpur	21 9	79 7	310	974·7	1009·7	0·0	305·8	315·2	May 28	293·1	282·4	Jan.1	299·4	*298·9*	−0·5	1931	+689
652	Allahabad	25 26	81 50	94·2	998·0	1008·8	−0·1	304·9	316·9	May 22,23,Jn.8	292·1	275·2	Jan.8,15	298·5	*297·8*	−0·3	752	−238
653	Darjiling	27 3	88 16	2265	775·6	..	−0·1	287·6	296·9	June 20	281·6	272·4	Jan.24	284·5	*284·3*	−0·2	3259	− 72
654	Calcutta	22 32	88 20	6·4	1008·3	1009·1	+0·1	303·7	311·3	Apr.2,3,5	294·8	281·9	Jan.17	299·3	*298·9*	+0·4	2079	+491
655	Gauhati	26 11	91 45	55·5	1003·2	1009·7	−0·6	302·5	310·8	Aug.4	292·6	280·2	Jan.16	297·5	296·7	+0·4	1236	−423
655a	Akyab	20 8	92 55	8·8	1009·0	1010·0	0·0	302·6	307·4	May 22	294·5	283·0	Jan.6	298·6	*298·4*	−0·4	4303	−861
655m	Cherrapunji	25 15	91 44	1313	868·1	..	+0·1	293·6	301·3	Jul.31,Aug.1	287·2	276·9	Jan.6,16	290·4	*289·8*	+0·2	8105	−2666
656	Mandalay	21 59	96 6	76·2	1001·0	1009·7	−0·7	306·6	313·6	Apr.23,24,May1	295·0	283·6	Feb.1	300·8	*300·2*	0·0	738	−104
656a	Tengyueh	25 0	98 40	1634	834·1	1008·0	..	294·7	303·0	Jul.31	283·0	270·5	Jan.30,Dec.29	288·9	288·6	+0·5	1313	−268
657	Ptu Lien	20 48	106 38	116	..	1011·5	+0·3	299·4	309·3	June 6	293·2	280·0	Jan.28	296·3	295·7	−0·3	1671	− 83
658	Moncay	21 31	107 58	9·0	..	1011·6	0·0	299·2	310·8	Aug.8	292·5	278·1	Jan.15	295·9	295·2	−0·2	2723	−132
659	Hongkong	22 18	114 10	33·2	..	1012·7	+0·2	298·6	306·9	July 29	293·6	278·2	Jan.28	296·1	295·5	+0·4	1584	−594
660	Amoy	24 26	118 4	4·9	1014·4	1015·0	+0·6	298·1	309·0	Jul.28,29,31 Sept.18	292·8	278·0	Jan.27	295·5	294·9	+0·1	838	−344
661	Taihoku, Formosa	25 2	121 31	9·3	1012·9	1014·0	+0·3	299·5	310·7	Aug.13	291·4	279·0	Dec.21	295·4	295·0	+0·3	1843	−290
661a	Basco	20 28	121 59	18·7	..	1010·7	+0·2	301·4	306·0	Aug.23	296·5	289·8	Jan.30	298·9	298·7	+0·1	2955	− 79
662	Naha	26 12	127 39	29·5	1010·5	1013·9	+0·4	297·6	304·5	Aug.28	292·6	282·3	Jan.27,31	295·1	295·0	−0·1	2258	+114
665	Titizima (Bonin Islands)	27 5	142 11	4·3	1013·9	1014·3	0·0	299·1	306·4	June 26	292·9	282·1	Feb.20	296·0	295·7	+0·2	1807	+170
		N.	E.															

YEAR - ZONE 7

BETWEEN LATITUDE 20° N. AND 10° N.

		N.	W.															
715	Colima	19 12	103 45	498	955·6	1011·3	−0·7	305·6	312·0	Apr.13	290·1	282·2	Nov.28	297·9	*296·7*	−0·5	799	− 54
716	Morelia	19 42	101 7	1923	809·5	1009·3	−0·9	296·5	304·0	May 13	285·1	276·0	Nov.27	290·8	*290·4*	+0·5	579	−190
717	Mexico, Tacubaya	19 24	99 12	2309	774·9	..	−0·2	297·3	306·6	May 11	280·7	271·5	Nov.16	289·0	288·0	+0·1	680	+ 1
718	Salina Cruz	16 12	95 12	56	1004·5	1010·9	−1·4	303·0	309·0	May 18	295·2	289·6	Jan.1	299·1	*299·8*	+0·1	1376	+403
719	♯San Salvador	13 42	89 13	682	937·5	1013·0	+0·6	306·1	311·2	Feb.2,28,Mar.10	289·7	280·4	Mar.3	297·9	*296·3*	+0·1	1914	+ 52
720	Belize	17 31	88 11	5·2	1012·3	1012·9	−1·0	302·4	306·1	May 5	296·2	289·4	Jan.1	299·3	*298·9*	−0·1	1854	− 20
721	Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1013·3	−0·4	302·8	307·3	July 30	294·9	290·2	Feb.23	298·9	*298·2*	−0·1	1957	+583
722	Port au Prince	18 33	72 20	37·4	1009·7	1013·9	−0·6	304·8	309·4	May 11	295·5	292·0	Jan.26	300·2	*299·6*	+0·4	1068	−303
723	Caracas	10 30	66 55	1043	897·8	1011·4	..	299·5	305·5	Apr.30	288·7	281·6	Feb.17	294·1	*293·4*	+0·7	1255	+448
724	San Juan, Porto Rico	18 29	66 7	25·0	1011·8	1014·9	−0·9	301·5	306·3	Aug.21,Oct.7	296·1	291·9	Jan·18	298·8	*298·5*	+0·3	1532	−107
724a	Grenada (Richmond Hill)	12 5	61 46	188	992·7	1014·0	..	303·5	305·8	Mar.20	296·0	294·1	6 months	299·7	*299·2*	+0·6	2280	+385
725	Barbados	13 8	59 36	57·9	..	1013·4	−0·4	302·3	304·7	Jan.11,12,15	295·3	291·3	Feb.8	298·8	*298·6*	−0·2	1536	+171
731	São Vicente, C. Verde Is.	16 54	25 4	11	1012·5	1013·8	−0·4	298·9	304·5	Oct.31	..	289·8	Apr.12	..	♯*297·0*	+0·4	118	− 30
732	♯San Tiago, C. Verde Is.	14 54	23 31	34	..	..	..	300·6	305·1	Sept.18,Oct.18	..	..	..	..	*298·5*	..	101	−112
733	Dakar	14 40	17 26	32	1007·5	1011·2	..	302·2	310·8	Mar.21	292·8	283·0	Dec.4	297·5	297·5	−0·5	1098	−138
734	♯Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	306·3	319·0	May 24,26	295·7	284·4	Dec.22	301·0	*300·5*	..	1106	..
735	Bamako	12 39	7 58	340	972·4	1010·3	..	..	..	..	..	..	..	..	..	..	289	..
736	Kabara	16 45	W. 3 1	273	..	..	..	..	..	..	..	..	..	..	..	..	..	..
737	Sokoto	13 2	E. 5 14	354	..	..	..	309·1	316·3	Apr.5,25,May 2	294·4	283·0	Mar.4	301·7	*301·2*	+0·5	805	+124
738	Kaduna Capital	10 32	7 25	584	942·1	1005·8	..	305·1	310·8	Feb.,Apr.,May	292·2	284·7	Dec.15,20,31	298·7	298·2	+0·6	1118	−250
739	Bilma	18 41	12 55	356	..	..	..	..	321·6	June 11	..	273·9	Dec.29	..	..	..	..	..
740	Maiduguri	11 47	13 11	361	..	..	..	309·3	317·4	Apr.18	..	..	..	..	♯*301·8*	+0·9	935	+338
741	El Fasher	13 32	25 18	730	927·1	1006·6	..	..	317·0	May 28,29	290·2	277·5	Jan.	..	*298·4*	+0·7	164	−170
743	El Obeid	13 11	30 14	563	946·0	1007·8	−0·5	308·5	315·5	May 28	293·0	280·0	Jan.4,5	300·7	*299·8*	+1·2	478	+129
743a	Khartoum	15 37	32 33	**380	965·2	1007·0	−1·5	311·0	318·1	May 29	295·3	282·9	Jan.4	303·1	*302·9*	+0·7	126	− 41
744	Port Sudan	19 37	37 13	5·5	1009·7	1010·3	+0·3	306·3	317·5	Aug.29	296·4	288·2	Jan.5	301·3	*301·1*	+0·1	205	+ 93
745	Berbera, Somaliland	10 26	45 2	13·8	1007·5	1009·1	−1·0	306·8	317·1	May 30	298·8	291·3	Dec.22,27	302·8	*302·7*	−0·1	22	− 39
746	Aden	12 49	45 2	29·9	1007·2	1010·6	0·0	305·7	311·9	July 17	298·9	293·6	Jan.20,Dec.	302·3	*301·8*	+1·0	20	− 31
751	Bombay	18 54	72 49	11·3	1008·9	1010·1	−0·6	303·9	310·8	Mar.16	296·7	286·9	Jan.25	300·3	299·9	+0·3	1584	−211
752	Kodaikanal	10 14	77 28	2343	770·9	..	−0·1	290·4	294·7	Apr.8	283·2	276·3	Dec.30	286·8	286·4	+0·4	1889	+309
752a	Bangalore	12 58	77 35	921	910·0	1010·5	−0·1	302·2	309·7	Apr.	291·2	284·7	Dec.30	296·7	*295·9*	+0·2	1049	+150
753	Madras	13 4	80 15	6·7	1009·3	1010·1	−0·3	305·1	311·1	June 18,19	297·0	290·2	Dec.30	301·1	*300·5*	+0·1	1020	−270
754	Vizagapatam	17 42	83 18	38·4	1005·6	1009·3	+0·4	303·1	309·7	June 8,13	297·1	289·7	Jan.3	300·1	*299·5*	−0·5	751	−192
755	Port Blair	11 40	92 43	18·0	1008·0	1009·9	−0·5	302·9	306·9	Apr.	298·3	294·7	Feb.	300·6	*300·0*	−0·1	2988	+ 30
756	Rangoon	16 46	96 11	5·5	1009·8	1010·5	−0·4	305·2	312·4	Apr.11	295·8	289·1	Jan.5,11,Feb.5	300·5	*299·4*	+0·2	2633	+120
757	Cap St. Jacques	10 20	107 5	180	..	1011·0	..	302·0	308·8	May 31	296·3	292·2	Feb.5,Dec.18	299·2	*298·8*	−0·1	1248	− 51
758	Nhatrang	12 15	109 12	3·6	..	1009·5	..	303·1	308·6	May 31	295·8	290·2	Feb.1,Dec.22	299·4	*298·9*	−0·3	1202	−253
759	Iba	15 20	119 58	4·8	..	1008·9	+0·4	305·7	310·0	May 5	295·9	291·9	Feb.11	300·8	*300·2*	+0·9	4558	+689
761	Vigan	17 34	120 23	12·2	..	1008·7	−0·2	304·2	307·8	Oct.9	296·3	291·0	Jan.8	300·3	299·9	−0·2	1527	−1103
761a	Manila	14 35	120 59	**10·1	..	1009·6	+0·2	304·8	310·2	May 12	295·8	290·6	Feb.10	300·3	299·6	0·0	1922	−109
762	♯Ormoc	11 0	124 36	5·6	..	1008·3	−0·1	304·9	308·3	May 9	..	..	..	..	*299·9*	+0·6	2179	− 93
765	Guam, Ladrone Is.	13 24	144 38	18·6	..	1008·9	+0·3	..	..	..	297·5	294·5	Dec.15	..	*300·4*	+0·2	2450	+162
766	Saipan	15 14	145 46	207	987·4	1007·6	..	301·6	303·5	Aug.21	296·5	293·5	Jan.15	299·1	298·6	..	1627	..
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
**Khartoum, Height changed from 396 m. to 380 m. from January 15th.
**Manila, Height changed from 14·2 m. to 19·8 m. from April 13th and from 19·8 m. to 10·1 m. from June 19th.
†Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see Table of Authorities, pages 105-15.

YEAR - ZONE 8

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°

No.	Name of Station	Latitude	Longitude	Height	PRESSURE*			TEMPERATURE										PRECIPITATION	
					Mean at level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean*	Diff. from Normal	Total	Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1009·5	1010·2	−0·4	..	..	..	..	..	..	..	*301·4*	−0·5	1258	−1254
821	Cristobal	9 23	79 54	11·0	..	1010·8	−0·2	303·0	306·3	May 4	297·6	294·1	Nov.27	300·3	299·7	+0·4	3460	+225
822	Bogota	4 36	74 5	2645	747·1	..	+1·2	291·8	296·4	Mar.11	283·0	278·4	Feb.11, 14	287·4	*286·7*	−0·1	1233	+176
822a	Merida, Venezuela	8 36	71 9	1641	841·4	..	..	296·8	300·4	May 28	287·8	284·2	Feb.23	292·3	*291·2*	−0·1	2110	+338
823	§Ciudad Bolivar	8 9	63 33	38	1005·0	1009·3	−1·8	304·8	309·1	Apr.21	296·2	292·9	Feb.10	300·5	*299·9*	−0·1	1295	+337
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1011·7	−0·8	302·7	304·9	Sept.20	297·1	294·1	Feb.10	299·9	*299·5*	+0·2	2959	+707
826	Paramaribo	5 49	55 9	3·7	1011·5	1011·9	−1·0	304·4	307·7	June 8	295·6	291·2	Jan.13	300·0	*299·7*	+0·5	2531	+247
826a	Cayenne	4 54	52 21	6	1010·9	1011·6	..	303·0	306·5	Oct.25	296·8	293·5	June 6	299·9	*299·2*	0·0	3066	−145
881	10° - 5° N., 30° - 25° W.	‡‡7 24	‡‡27 20	§(341-379)	..	1012·9	+0·4	..	..	Sea Temp. 299·5§	..	..	..	..	*299·1*	+0·1	..	..
833	Konakri	9 31	13 43	12·5	1010·1	1011·6	..	303·8	308·1	Apr.5	295·6	290·2	Feb.15	299·7	*299·2*	−0·1	4224	−164
834	Freetown, Sierra Leone	8 29	13 14	55·0	1005·4	1011·7	+1·0	302·9	306·9	Jan.,Apr.,May	..	..	..	..	*299·6*	..	3685	−308
835	Assuantsi	5 18	1 15	97·3	999·1	1010·2	..	302·5	307·4	Mar.18 Apr.7	294·3	288·6	Jan. 9	298·4	*297·9*	0·0	1528	+256
836	Accra	5 33	W. 0 12	17·7	1009·6	1011·6	+0·2	303·4	307·4	Mar.2	296·4	290·2	Dec.27	299·9	*299·4*	+0·4	902	+206
837	Lagos	6 27	E. 3 24	1·8	1011·1	1011·4	+0·7	303·0	308·0	Apr.15	297·2	291·9	Jan.8	300·1	*299·5*	0·0	1926	+ 99
838	Victoria, Nigeria	4 1	9 12	15·5	1009·9	1011·7	..	302·7	306·9	Feb.28	293·6	290·8	Nov.2	298·1	*297·5*	..	4194	+451
839	Yola	9 12	12 30	259	..	..	..	307·0	313·6	Apr.4,20	295·7	288·6	Jan.9	301·3	*300·8*	+0·3	900	− 97
841	Barumbu	1 11	23 30	§450	..	..	..	303·5	307·8	Mar.5	292·3	290·0	Apr.11,Jul.28	297·9	*297·2*	..	1654	..
842	Wau	7 42	28 3	440	958·8	1007·3	−1·2	307·9	315·0	Mar.31,Apr.22	294·3	287·5	Jan.2,Dec.17	301·1	*300·2*	+1·1	1024	− 80
843	Malakal	9 35	31 37	394	964·8	1008·4	−0·6	308·2	315·3	Apr.7	294·8	285·2	Dec.25	301·5	*300·3*	+0·8	885	− 22
843a	Juba	4 53	31 35	475	956·0	1008·6	..	307·7	313·0	Jan.16,17	292·3	289·1	Dec.22	300·0	*299·1*	..	1061	..
844	Kampala (Kololo Hill)	0 20	32 36	1312	868·5	1007·8	..	299·6	303·5	Mar.16	289·8	286·3	Aug.30	294·7	293·9	..	1074	..
845	Baidoa	3 7	43 39	480	957·9	1010·9	..	306·4	312·0	Mar.5	293·2	290·5	Aug.19,25,30	299·8	..	..	380	..
846	Sheikh	9 55	45 15	1463	..	..	..	299·2	306·3	May 31	284·9	274·1	Dec. 29	292·1	..	..	436	−147
851	Minicoy	8 18	73 0	2·7	1011·0	1011·3	−0·2	303·0	308·0	Apr.1	297·8	294·7	May,Nov.,Dec.	300·4	*299·8*	..	2077	+452
851a	Cochin	9 58	76 14	2·7	1010·9	1011·3	−0·1	302·7	305·8	Jan.,Apr.,May	297·2	294·1	Jan.11,Dec.31	299·9	*299·3*	−0·5	3959	+1049
852	Colombo Observatory	6 54	79 52	7·3	..	1009·9	+0·4	302·4	305·5	Apr.29	296·6	291·7	Dec.28	299·5	*298·9*	−0·7	2273	+237
853	Nuwara Eliya	6 58	80 46	1881	813·5	1011·7	+0·2	292·4	296·8	Apr.15	283·8	272·8	Feb.17	288·1	*287·3*	0·0	3449	+1094
854	Trincomalee	8 35	81 15	30·2	..	1008·5	+0·4	303·0	307·9	Aug.11	297·6	294·4	Dec.25	300·3	*299·7*	−1·0	1463	−122
855	Koetaradja	5 32	95 20	7·1	..	..	..	..	..	..	..	..	..	..	..	..	1970	+332
856	Medan	3 35	98 41	25·0	..	1009·4	−0·4	303·7	307·9	Aug.8	295·1	291·6	Feb.14	299·4	*298·7*	+0·1	1628	−403
857	Butterworth	5 25	100 22	2·1	..	1008·9	..	303·9	306·3	May, 22, 30	296·1	293·6	Feb.8	300·0	299·6	..	2243	..
858	Singapore (Mt. Faber)	1 16	103 49	90·5	..	1009·3	+0·1	303·7	306·9	May,Jul.,Aug.	296·2	293·0	Mar.12	299·9	299·2	..	2097	..
859	Sandakan	5 50	118 7	55·5	1003·1	1009·4	..	303·9	306·9	May 31	296·9	294·7	Mar.,Jun.,Dec.	300·4	299·9	0·0	2914	−256
860	Iwahig	9 44	118 38	14·3	..	1007·9	−0·2	304·2	307·6	May 31	295·8	292·4	Feb.10	300·0	299·5	+0·3	2327	+279
861	Tagbilaran	9 38	123 51	21·3	..	1008·4	−0·3	304·4	308·3	Mar.29	296·9	293·7	Jan.24	300·6	299·9	+0·2	2369	+814
861a	Menado	1 30	124 50	8·5	..	..	..	..	..	..	..	..	..	..	..	..	3348	+686
862	Surigao	9 48	125 29	6·0	..	1008·8	0·0	303·7	308·3	Sept.18	296·9	294·0	Oct.18	300·3	299·8	+0·2	3620	+137
863	Kolonie, Yap	9 29	138 8	29·3	..	1010·3	+1·5	303·0	306·0	July 17	297·6	294·5	Feb.11	300·3	299·9	0·0	2908	−117
864	Palau	7 20	134 29	31·8	1005·7	1009·2	−0·2	302·8	304·6	Apr.30	297·7	295·2	July 24	300·2	299·8	0·0	3497	−453
867	Ponape	6 58 N.	158 13 E.	38·9	1005·0	1009·4	..	302·1	304·0	June 9	296·6	293·2	Dec.29	299·3	299·2	..	5050	..

YEAR - ZONE 9 — BETWEEN LATITUDE 0° AND 10° S.

902	Atafu	8 32	172 31	I·8	..	1010·8	..	..	..	..	299·0	294·6	Dec.16	..	*301·4*	..	2190	..
920	Lambayeque	6 46	79 55	15	1011·5	1013·3	..	300·1	306·2	Mar.21	291·4	285·0	Aug.5	295·7	294·7	..	9	..
921	Quito	0 13	78 30	2816	727·1	..	−0·7	293·7	298·6	Sept.3	280·6	274·8	Oct.30	287·1	285·5	−0·3	1375	+121
923	Senna Madureira	9 4	68 40	135	994·8	1010·3	..	306·5	310·1	Mar.4	293·6	282·4	Aug.1	300·0	*298·5*	..	2261	..
923a	São Gabriel do Rio Negro	0 8	67 5	85	1001·2	1011·0	..	303·9	308·8	Aug.22	295·0	290·6	June 22	299·4	*298·2*	..	2775	..
924	Manaos	3 8	60 1	43·8	1006·0	1011·0	..	304·1	309·4	Sept.21	295·4	291·2	June 21	299·8	*299·4*	−0·2	2444	+637
925	Parintins	2 38	56 44	18	..	..	..	..	..	..	..	..	..	..	..	..	2150	..
926	Taperinha	2 30	54 20	21·5	1008·6	1011·0	+0·4	304·2	308·2	Sept.20	295·6	292·6	July 24	299·9	*298·9*	+0·4	2245	+308
927	Turyassu	1 43	45 26	9·1	1009·8	1010·8	−0·4	304·1	307·4	Jan.31	294·7	291·9	Dec.2	299·4	*299·2*	+0·2	2410	+132
928	Barra do Corda	5 30	45 16	81·0	1003·2	1012·6	..	305·5	310·4	Oct.23	293·8	286·9	July 23	299·47	*298·9*	+0·6	1308	+289
929	§Quixeramobim	5 16	39 15	199	989·5	1012·0	−0·5	304·6	308·5	Jan.3	297·3	294·4	June 10	301·0	*300·7*	+0·3	616	−163
930	Fernando Noronha	3 50	32 25	106	1000·4	1012·3	−0·5	300·9	303·5	Mar.11	296·8	293·7	July 15	298·8	*298·7*	+0·1	1931	+673
934	Ascension Island	7 56	W.14 25	16·8	1012·1	1014·0	−0·6	302·1	306·3	Mar.31	295·9	293·0	Sept.29	299·0	*298·3*	+0·2	94	− 53
939	Loanda	8 49	E.13 13	59·3	..	1011·8	−0·7	301·6	308·2	Mar.12	294·8	289·2	Aug.17	298·2	297·5	+1·0	606	+284
940	§Brazzaville	4 17	15 16	320	..	..	..	..	..	..	..	..	..	..	..	..	..	..
942	Tshibinda	2 19	28 45	2115	..	..	..	294·4	297·9	Oct.3 ,8	283·4	279·5	July 28	288·9	*289·4*	..	2139	..
943	Masaka	0 20	31 44	1280	..	..	..	298·9	302·2	Oct.19	289·1	286·8	Sept.29,Oct.7	294·0	*293·3*	..	1330	+280
944	Nairobi (Kabete Obs.)	1 16	36 48	1820	821·0	1011·3	..	296·2	300·9	Mar.21,Apr.2	285·1	279·7	Aug.3	290·7	289·8	..	621	..
944a	Zanzibar (Chukwani Palace)	6 15	39 13	21	1010·8	1013·2	..	302·8	308·5	Apr.2	296·6	293·4	Aug.29	299·7	299·0	..	1148	..
945	Afmadu	0 30	42 4	?	..	..	..	..	324·0	Mar.2	..	..	..	..	..	..	..	..
947	Seychelles, Port Office	4 37	55 27	4·6	1011·0	1011·5	−0·4	301·5	304·7	Apr.24, May 4	296·8	294·1	Jul.27,Dec.16	299·1	*298·4*	−0·2	2030	−442
957	Padang	0 56	100 22	6·7	..	1010·1	−0·5	303·3	306·6	Jan.30	296·5	294·2	Sept.9	299·9	*299·4*	0·0	4716	+288
958	Batavia	6 11	106 50	8·0	1008·7	1009·6	−0·2	303·7	306·5	Oct.17	296·5	294·7	Nov.17	300·1	299·6	+0·4	1749	− 83
958a	Pontianak	0 1	109 20	2·6	..	1010·1	+0·2	304·8	307·6	July 1	297·0	294·7	Sept.1	300·9	*300·3*	+0·7	3371	+122
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	*300·0*	+0·4	1430	+117
962	Amboina	3 42	128 10	4·2	..	1009·2	−0·3	303·1	307·8	Feb.12	297·2	293·9	July 29	300·1	*299·6*	+0·6	4421	+963
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	2271	−226
965	Daru	9 4	143 13	7·6	..	..	..	..	303·0	..	296·9	..	..	300·0	*299·6*	+0·4	2263	+121
966	Port Moresby	9 29	147 9	38·4	..	1009·5	−0·7	303·5	..	..	297·0	..	..	300·3	*299·9*	+0·3	1556	+530
967	Rabaul	4 9	152 12	12·5	1007·0	1008·3	−0·2	305·4	308·9	Nov.30	296·0	293·7	Oct.30	300·7	*300·1*	+0·2	2124	− 89
969	Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	303·4	306·3	May 25	297·5	294·7	Nov.7	300·4	*300·2*	−0·1	4247	+888
970	Ocean Island	0 52	169 35	42·6	1004·5	1009·4	−0·6	304·7	307·4	Feb.,Nov.	..	..	..	..	*300·4*	−0·2	993	−962
972	Funafuti, Ellice Is.	8 30 S.	179 13 E.	2·4	1008·7	1008·9	..	304·6	309·1	Jan.18	298·5	293·6	Jan.7,Feb.28	301·5	*301·1*	..	2659	..
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.
‡See Table of Authorities, Remarks, pages 105-15.
§ No. of observations.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Change of normals, see Table of Authorities, pages 105-15.
‡‡Mean latitude and longitude of the observations.

YEAR - ZONE 10

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE*			TEMPERATURE										PRECIPITATION	
					Mean at level of Station	Mean at M.S.L.	Diff. from Normal	Mean Max. A	Absolute Max.	Date	Mean Min. B	Absolute Min.	Date	Mean of A and B	†24 hr. Mean*	Diff. from Normal	Total	Diff. from Normal
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1001	Vavau	18 39	173 59	9·1	1011·6	1012·6	..	301·2	305·2	Feb.15	295·6	287·2	July 16	298·4	*298·0*	..	2637	..
1002	Apia, Samoe	13 48	171 46	2·0	..	1010·5	+0·4	302·4	304·8	Jan.31	296·3	292·8	June 25	299·3	298·9	−0·4	3459	+672
1003	Alofi, Niue Is.	19 2	169 55	19·8	..	1013·9	+0·9	302·3	305·8	Feb.,Mar.,Oct.	294·1	285·8	July 10	298·2	*298·0*	+0·3	2134	+103
1004	Pukapuka, Danger Is.	10 53	165 54	2·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1005	Aitutaki, Cook Is.	18 53	159 46	3·0	..	..	..	302·1	308·6	Feb.11	295·1	288·6	June 29	298·6	*298·1*	..	..	..
1007	Papeete (Hamuta)	17 32	149 33	5·0	1012·0	1012·5	..	303·5	306·7	May 13	294·6	292·0	June,July,Aug.	299·2	*298·6*	..	1525	..
1021	Lima	12 5	77 3	111	1000·9	1013·9	..	296·9	305·2	Mar.20	288·3	282·6	July 8	292·6	291·2	..	29	..
1022	Arica	18 28	70 20	29	1011·4	1014·8	..	295·5	302·0	Feb.	288·1	281·5	Aug.25	291·8	*291·5*	+0·6	0	− 1
1024	La Paz, Bolivia	16 30	68 8	3658	658·0	..	0·0	291·8	296·2	Nov.7, Dec.2	276·5	270·0	July 23	284·1	*282·4*	−0·1	536	− 56
1025	§Corumba	18 59	57 39	116	997·5	1010·6	0·0	303·9	312·6	Oct.2	292·4	273·8	June 22	298·2	*297·7*	−0·1	909	−282
1026	Cuyaba	15 36	56 6	165	992·0	1010·7	+0·3	305·3	312·1	Oct.1	292·8	274·2	June 22	299·0	*297·9*	−0·5	1231	−146
1027	Bello Horizonte	19 56	43 57	895	915·0	1014·0	−0·2	299·3	306·9	Jan.31	288·8	279·8	June 10	294·0	*293·3*	+0·3	1763	+205
1028	Caetite	14 3	42 37	897	916·3	1015·1	+0·6	299·5	307·4	Oct.4	288·5	283·3	Aug. 5	294·0	*294·1*	−0·8	1361	+504
1029	§Ondina (Bahia)	13 0	38 31	64	1007·1	1014·4	+0·4	300·7	305·8	Mar.7	295·0	291·9	June 9	297·8	*297·5*	−0·5	2203	+268
1030	§Aracaju	10 55	37 3	6·1	1013·0	1013·8	−1·1	301·3	305·4	Mar.7	295·5	290·7	June 9	298·4	*298·4*	+0·1	1138	+ 10
1035	§St. Helena	15 57	W. 5 40	604	947·0	1016·4	−0·7	290·9	295·8	Mar.19	287·2	284·1	Aug.28,29,31	289·1	*289·0*	+0·2	568	−195
1039	§Mossamedes	15 12	E. 12 9	12·5	..	1013·1	..	302·9	310·8	Oct.12	287·8	276·4	May 27	295·4	..	−0·4	441	−308
1041	Livingstone	17 50	25 49	972	907·1	1013·1	..	301·2	307·9	Oct.3	285·0	276·4	July 6	293·1	..	−0·4	1100	− 55
1041a	Elisabethville	11 40	27 29	1230	876·5	1008·9	−1·1	301·2	307·9	Oct.31	284·5	273·6	May 26	291·4	..	−0·3	569	− 92
1042	Gwelo	19 26	29 45	1411	864·1	1016·1	..	298·3	306·9	Oct.31	284·5	273·6	May 26	291·4	..	−0·3		
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	854·6	1014·4	0·0	297·9	305·9	Nov. 2	284·6	274·3	Aug.8	291·3	290·7	−0·2	857	+ 56
1044	Zomba	15 23	35 18	††921	..	..	..	299·2	306·9	Oct.31,Nov.2	288·7	280·2	July 18	293·9	*293·2*	+0·1	1048	−338
1045	Mossuril	14 57	40 40	15	..	1014·2	−0·1	303·2	309·8	Jan.4	293·8	286·3	May 25	298·5	298·4	−0·1	894	− 5
1046	Antananarivo	18 55	47 33	1375	865·8	1014·8	+0·1	297·2	305·0	Nov.24,27	285·7	278·0	Aug.26	291·4	289·9	−0·6	1130	−226
1046a	Tamatave	18 9	49 22	7	..	1016·5	..	300·4	307·0	Jan.4	293·6	287·8	Aug.11	297·0	*296·5*	..	4645	..
1047	Vohémar	13 24	50 2	2	..	1014·0	..	..	..	..	..	..	290.4	Sept.8	..	..	1228	..
1048	Antalaha	14 53	50 15	4	..	..	..	301·9	308·0	Mar.9	293·6	289·1	Aug.11	297·7	297·2	..	2273	..
1055	Cocos, Keeling Is.	12 5	96 53	4·6	..	..	..	302.2	305.2	Feb.22	298.0	294·7	Aug.13	300·1	299·7	+0·4	2524	+552
1057	Christmas Island	10 25	105 43	5·5	1007·8	1008·5	−0·2	302·9	306·3	July 13	297·0	293·0	Sept.7	299·9	*299·5*	−0·2	1937	−149
1061	Koepang	10 10	123 34	45·1	..	1009·5	−0·8	305·2	311·2	Oct.11	296·1	290·2	Sept.9	300·7	299·9	+0·5	1486	+ 43
1061a	Derby	17 18	123 40	16·2	1008·9	1010·7	−0·6	306·9	316·2	Jan.11	295·2	282·4	July 11	301·1	..	+0·6	519	−137
1062	Hall's Creek	18 13	127 46	373	969·8	1011·1	−0·5	306·1	315·8	Jan.11	291·2	274·7	July 10	298·7	*298·1*	+0·1	306	−225
1063	Darwin	12 28	130 51	29·6	1006·6	1009·9	+0·4	305·2	310·2	Oct.14	296·7	288·7	July 9	301·0	299·9	−0·1	1423	−111
1064	Daly Waters	16 16	133 23	211	985·9	1009·4	−0·7	307·6	316·3	Jan.11,12	292·7	278·0	July 27	300·1	299·5	+0·2	626	− 46
1065	Palmerville	15 56	144 8	210	986·0	1009·5	−0·7	305·5	310·2	Oct. 4	292·6	280·8	July 26	299·1	..	+0·4	1396	+334
1066	Georgetown, Queensland	18 22	143 32	302	..	..	..	..	312·2	Jan.14	..	..	..	..	..	..	884	+ 77
1066a	Willis Island	16 18	149 59	8·5	1009·7	1010·7	−0·6	301·3	305·2	Feb.20	296·9	292·2	June 10	299·1	299·2	+0·1	1505	+374
1067	Samarai	10 37	150 40	6·1	..	..	..	304·5	..	..	296·6	..	..	300·5	*300·3*	+1·1	2236	−488
1070	Vila, New Hebrides	17 44	168 19	57·0	..	..	..	299·8	304·0	Feb.,Mar.,Dec.	292·7	288·0	5 months	296·2	*295·7*	..	2674	..
1071	Rotuma, Fiji	12 30	177 0	27·4	1006·7	1009·8	..	302·7	305·2	Jan.,Feb.,Dec.	296·6	293·6	Sept.17	299·6	299·4	..	3181	..
1072	Suva, Fiji	18 8 S.	178 26 E.	3·7	1011·4	1011·8	+0·5	301·6	308·6	Jan.10	295·4	289·7	July 16	298·5	298·3	+0·5	3846	+871
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

YEAR - ZONE 11 (AMERICA, AFRICA) — BETWEEN LATITUDE 20° S. AND 30° S.

1101	Nukunlofa, Tonga	21 8	175 12	3·0	1013·8	1014·2	..	300·2	305·2	Jan.,Feb.,Mar.	292·6	281·3	Aug. 2	296·4	*295·9*	..	1542	..
1105	Rarotonga (Avarua)	21 12	159 46	6·1	..	..	..	300·4	304·1	Jan., Mar.	292·6	283·6	July 2	296·5	*296·3*	−0·2	2611	+538
1121	Punta Tortuga, Coquimbo	29 55	71 22	25	1013·7	1016·5	+0·4	290·2	297·0	Feb.11	285·1	278·5	July 8	287·7	*287·4*	−0·3	34	− 89
1122	Antofagasta	23 42	70 24	94	1004·5	1015·7	−0·7	292·5	300·0	Feb.10,12	286·3	280·0	July 30,31	289·4	*289·2*	−0·8	5	− 8
1123	Catamarca	28 29	65 47	528	..	..	..	..	..	..	..	268·1	July 9	..	..	..	351	+ 8
1124	Salta	24 46	65 24	1173	882·6	1011·1	0·0	297·6	308·2	Oct.21,30	282·7	266·6	July 30	290·1	289·7	−0·9	746	+ 38
1125	Goya	29 9	59 15	37	1009·6	1013·9	+0·7	301·4	314·0	Nov.27	287·1	271·0	July 10,13	294·3	*294·0*	+1·1	619	−451
1126	Asuncion	25 17	57 41	139	1000·0	1016·0	+3·4	303·4	313·8	Dec.29	291·4	274·6	June 22	297·4	*296·7*	+1·1	1046	−339
1127	Curityba	25 25	49 17	908	914·8	1016·7	+0·6	296·0	305·7	Feb.3	283·9	268·4	July 14	289·9	*288·8*	−0·5	797	−600
1128	Rio de Janeiro	22 54	W. 43 10	18·3	1013·8	1015·9	+0·9	297·8	307·9	Jan.30	292·3	285·2	Aug.18	295·1	294·9	−0·8	667	−431
1139	Windhoek	22 34	E. 17 6	1727	831·1	1012·3	..	299·4	306·7	Jan.29	285·9	271·4	May 26	292·6	292·2	+0·5	222	−155
1140	§O'Okiep	29 36	17 52	933	911·6	1015·8	+1·0	297·6	312·0	Feb.5	283·7	271·9	July 25	290·7	*290·2*	+0·2	148	− 22
1141	Kimberley	28 44	24 46	1218	881·2	1013·8	−0·5	299·8	311·1	Jan·10	284·9	269·4	June 26	292·3	292·0	+1·3	265	−145
1141a	Johannesburg	26 11	28 4	1806	825·0	1016·9	+0·1	295·1	305·8	Feb.7	282·7	269·1	May 25	288·9	*288·5*	+0·5	776	− 68
1142	Bulawayo	20 9	28 35	1349	869·1	1015·1	+0·2	298·7	307·4	Oct.1,16	285·0	274·2	May 26	291·8	291·3	−0·3	334	−270
1143	Durban	29 52	31 3	15·2	1016·1	1017·9	−1·0	297·7	308·0	Oct.11	290·9	284·4	Aug.30	294·3	*293·8*	+0·4	872	−211
1144	Lourenço Marques	25 58	32 36	89·5	..	1017·6	−0·3	301·5	314·6	Oct.12	291·0	282·5	June 24	296·2	295·5	+0·5	561	−191
1145	Tulear	23 20	43 40	6	..	1015·0	..	302·4	310·0	Feb.21	290·0	281·0	July 2	296·2	..	..	388	..
1146	Fort Dauphin	25 1	46 58	14	..	1017·7	..	298·1	304·5	Jan.14	292·7	285·0	Aug.10	295·4	295·0	..	1748	..
1147	Mauritius	20 6 S.	57 33 E.	55·2	1009·6	1016·0	−0·1	299·9	306·9	Jan.8	292·6	284·6	July 21	296·3	296·1	+0·1	883	−381
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.
**Height changed from 955m. to 921 m. from April 6th.
†Estimates not based on at least six equally spaced observations each day are in italics.
§Change of normals, see Table of Authorities

YEAR - ZONE 11 (AUSTRALIA)

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Latitude	Longitude	Height	PRESSURE* Mean at level of Station	PRESSURE* Mean at M.S.L.	PRESSURE* Diff. from Normal	TEMPERATURE Mean Max. A	TEMPERATURE Absolute Max.	TEMPERATURE Date	TEMPERATURE Mean Min. B	TEMPERATURE Absolute Min.	TEMPERATURE Date	TEMPERATURE Mean of A and B	TEMPERATURE †24 hr. Mean*	TEMPERATURE Diff. from Normal	PRECIPITATION Total	PRECIPITATION Diff. from Normal
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1010·4	1010·8	−0·7	303·4	317·7	Jan.2	290·0	276·1	July 10	296·7	..	−0·8	434	+202
1160	Cue	27 27	117 52	454	963·9	1015·1	+1·5	301·6	319·1	Feb.11,12	288·1	274·9	July 9,13,28	294·8	..	+0·3	256	+ 28
1161	Nullagine	21 53	120 5	386	969·5	1012·3	+0·8	304·9	317·4	Feb.11	289·0	273·0	July 10,11	297·0	..	−0·5	349	+ 14
1162	Laverton	28 40	122 23	466	962·5	1015·2	0·0	300·6	318·6	Feb.12,Dec.27	286·0	273·0	July 5	293·3	293·2	+0·1	143	−100
1163	Alice Springs	23 38	133 35	579	948·4	1013·1	−0·1	300·2	314·7	Jan.10	286·0	269·1	Aug.7	293·1	*293·1*	−0·8	257	− 16
1164	William Creek	28 55	136 21	76·2	1007·1	1016·0	+0·5	300·2	317·1	Nov.1	285·7	270·8	Aug.7	293·0	292·7	−0·3	65	− 69
1164a	Boulia	22 55	139 38	146	..	..	..	304·2	318·3	Jan.10	289·4	274·7	July 27	296·8	*296·8*	−0·3	204	− 58
1165	Thargomindah	27 58	143 43	123	999·3	1013·5	−0·4	301·3	317·4	Jan.11	288·2	274·1	July 31	294·8	*294·5*	+0·2	203	− 69
1166	Mitchell	26 32	147 52	336	976·0	1014·5	+0·1	299·4	314·8	Jan.11	285·1	270·0	June 19	292·3	..	0·0	709	+105
1167	Rockhampton	23 24	150 30	11·3	1012·5	1013·9	−0·6	300·9	312·6	Jan.12	290·6	278·4	June 26	295·8	*295·1*	0·0	1332	+310
1168	Brisbane	27 28	153 2	41·8	1011·4	1015·9	0·0	298·1	309·6	Feb.13	288·7	276·3	June 28	293·4	292·9	−0·1	1263	+112
1170	Norfolk Island	29 4 S.	167 59 E.	14·9	1016·1	1017·9	+1·5	294·9	302·2	Feb.1	290·2	281·6	Aug.7	292·6	292·2	+0·4	986	−407

YEAR - ZONE 12 — BETWEEN LATITUDE 30° S. AND 40° S.

		S.	W.															
1221	Juan Fernandez	33 37	78 52	6	1019·1	1019·8	+0·7	291·2	299·8	Feb.27	285·2	278·1	Sept.20	288·2	*288·1*	−0·4	715	−243
1221a	Punta Tumbes	36 37	73 6	120	1002·2	1016·7	+0·6	287·7	295·2	Dec.17	282·4	274·0	July 8	285·1	*284·8*	−0·4	836	+175
1222a	Punta Angeles, Valparaiso	33 1	71 38	41	1011·6	1016·5	+0·3	291·8	305·0	Oct.14	283·5	275·4	July 8	287·7	*287·3*	−0·1	293	−212
1223	Santiago	33 27	70 42	520	955·6	1016·1	+0·7	294·4	305·5	Dec.12	280·8	269·8	July 11	287·6	*286·9*	−0·1	316	− 47
1224	Cordoba	31 25	64 12	423	964·6	1013·3	−0·1	298·7	313·7	Jan.26	283·5	263·8	July 9	291·1	290·7	+0·8	621	− 82
1224	Bahia Blanca	38 45	62 16	28·7	..	..	..	..	..	..	..	..	..	..	..	..	550	+ 14
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1012·3	1015·3	−0·2	295·2	309·5	Jan.20	284·7	269·6	July 10	290·0	289·7	+0·6	918	− 27
1226	Montevideo (Prado)	34 52	56 12	24·9	..	1017·1	+1·9	294·9	310·5	Jan.14	284·4	270·0	June 29	289·7	289·5	+0·3	852	−125
1226a	Porto Alegre	30 2	W. 51 13	23·5	1013·1	1015·9	+0·3	297·6	311·0	Nov.27	287·3	275·1	July 13	292·5	292·1	0·0	1096	−136
1239	Cape Town	33 56	E. 18 29	12·2	..	1017·2	+0·5	295·1	313·8	Feb.4	285·4	275·2	July 17	290·3	*288·9*	+0·5	460	−176
1240	Klaver	31 47	18 37	41·8	1013·3	1018·3	−0·6	299·2	316·4	Feb.4	284·9	275·4	July 1	292·1	..	−0·5	162	− 7
1241	Riversdale	34 6	21 16	105	..	..	..	..	316·8	Jan.30	..	270·7	July 28	..	..	..	331	−105
1242	₫East London	33 1	27 54	45·4	1011·7	1017·1	+0·7	295·4	310·1	May 11	287·0	277·1	June 28	291·2	..	0·0	658	+ 11
1259	Perth (Observatory)	31 57	115 51	60·0	1009·0	1016·2	−0·3	296·8	317·6	Feb.8	286·6	276·1	July 29	291·7	*291·5*	+0·8	825	− 58
1260	Katanning	33 42	117 35	310	980·0	1016·2	+0·1	295·6	317·6	Feb.8	282·7	271·9	Aug.15	289·1	..	+0·6	501	+ 27
1261	Coolgardie	30 57	121 10	423	967·6	1015·9	+0·2	298·2	318·0	Feb.11	284·2	274·1	Aug.28	291·2	*291·1*	+0·1	234	− 24
1262	Eucla	31 45	128 58	4·6	1016·1	1016·7	+0·3	295·1	320·2	Feb.12	284·8	273·6	July 20,Aug.18	289·9	*289·4*	−0·5	216	− 38
1263	Streaky Bay	32 48	134 13	13·1	1016·0	1017·5	+0·4	295·3	316·2	Feb.12	284·7	275·4	July 22	290·0	*289·4*	−0·3	373	− 2
1264	Adelaide	34 56	138 35	42·7	1012·1	1017·3	+0·2	295·2	315·1	Feb.12	284·3	275·6	Jul.17,22	289·8	*289·5*	−0·4	561	+ 24
1265	₫Melbourne	37 49	144 58	35·1	1012·3	1016·6	+0·3	292·8	310·3	Feb.27	282·5	273·1	July 1	287·7	*287·4*	0·0	566	− 86
1266	Bourke	30 13	145 58	110	1004·5	1017·3	+0·3	300·4	318·6	Jan.10	285·9	272·7	Aug.5	293·2	..	−0·5	368	+ 26
1267	₫Sydney	33 51	151 13	42·1	1011·0	1016·0	+0·2	293·9	311·6	Jan.11	286·3	275·9	June 26	290·1	*289·7*	−0·3	1085	−114
1268	Lord Howe Island	31 20	159 0	4·9	1014·7	1015·2	−1·3	295·1	302·0	Feb.15	289·3	280·8	Aug.7	292·2	..	+0·1	1995	+322
1271	Auckland	36 51	174 46	40·8	..	1018·3	+3·0	291·6	299·4	Jan.17	284·9	275·2	June 17	288·3	..	+0·2	1081	− 57
1272	Napier	39 29 S.	176 55 E.	1·5	..	..	..	290·9	304·7	Feb.25	282·4	272·2	July 12	286·7	..	−0·5	745	−168

YEAR - ZONE 13 — BETWEEN LATITUDE 40° S. AND 50° S.

		S.	W.															
1301	Chatham Island	43 57	176 31	45·7	1007·3	1012·8	+2·6	..	..	..	..	..	..	..	..	..	676	−219
1321	Isla Gunfo	43 34	74 45	140	997·9	1014·8	−0·4	283·9	291·0	Jan.7	280·4	274·0	May 25	282·1	*282·2*	−0·5	1087	+ 15
1322	Punta Galera	40 1	73 44	40	1012·1	1017·0	+0·8	286·5	296·6	Jan.2	281·5	273·2	Aug.9	*284·0*	*284·0*	−0·2	1834	−280
1323	Sarmiento	45 33	69 1	272	977·7	1010·1	−0·5	289·3	304·7	Jan.7	277·6	259·9	July 10	283·5	283·5	−0·2	133	+ *3*
1324	Puerto Madryn	42 46	W. 65 2	14	1010·6	1012·3	+0·6	293·3	309·1	Feb.7	280·3	265·0	July 9	286·8	286·8	+0·3	127	− 32
1365	Launceston	41 27	E.147 10	81·1	1005·1	1014·7	+1·7	291·1	301·9	Feb.,Dec.	279·8	269·7	June 27	285·4	*284·6*	+0·1	545	..
1366	₫Hobart	42 53	147 20	53·9	1007·0	1013·5	+1·2	289·2	305·1	Dec.29	280·9	273·7	June 30	285·1	*284·3*	−0·3	587	− 22
1369	Invercargill	46 25	168 21	3·7	..	..	..	287·4	302·7	Jan.13	278·8	269·7	June 19,20	283·1	..	+0·1	1198	+ 30
1370	Alexandra	45 15	169 24	159	..	..	..	288·7	304·7	Jan.11	277·9	266·9	June 17	283·3	283·1	..	323	..
1371	Dunedin	45 62	170 31	6·1	1012·8	+0·7	288·1	302·7	Jan.17	279·3	271·3	June 21	283·7	..	+0·3	886	− 80	
1371a	Christchurch	43 32	172 39	7·6	..	1013·0	+0·9	289·2	303·7	Mar.21	279·7	268·8	June 21	284·4	..	0·0	479	−162
1372	Wellington	41 16 S.	174 46 E.	127	998·7	1014·0	+0·6	288·6	300·8	Jan.16	282·2	274·2	Aug.19	285·4	284·8	−0·6	980	−242

YEAR - ZONE 14 — BETWEEN LATITUDE 50° S. AND 60° S.

		S.	W.															
1421	Islota de los Evangelistas	52 24	75 6	55	995·4	1002·1	−0·6	282·1	289·6	Jan.6	279·6	273·2	Apr.11	280·9	*281·1*	+1·9	2592	−329
1422	Magallanes	53 10	70 54	8	1000·4	1001·4	−0·7	283·1	293·6	Jan.7,Feb.4	276·1	268·6	May 24,June 14	279·6	279·5	+0·1	502	+117
1423	Punta Dungeness	52 24	68 26	5	1000·5	1001·1	−0·4	283·4	294·5	Jan.7	276·5	268·0	July 11	279·9	279·9	0·0	244	+ 17
1424	Santa Cruz	50 1	68 31	13	1004·7	1006·3	+1·2	287·4	305·4	Jan.7	277·1	264·2	May 29	282·2	282·9	+1·3	259	+111
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1002·6	+0·1	282·1	294·1	Jan.8	275·5	267·4	June 18	278·8	..	+0·1	614	− 45
1426	Cape Pembroke	51 41	57 42	21·3	999·4	1002·0	0·0	281·7	291·3	Feb.15	276·3	268·0	June 18	279·0	279·1	+0·1	..	..
1429	S. Georgia (Cumberland Bay)	54 16 S.	36 30 W.	4	995·4	995·9	−0·9	278·6	291·4	Oct.30	272·2	261·1	Sept.3	275·4	*274·9*	+0·2	1773	+455

YEAR - ZONE 15 — BETWEEN LATITUDE 60° S. AND 70° S.

		S.	W.															
1527	South Orkneys	60 43	44 47	7	991·6	992·5	−0·2	271·0	280·5	Mar.16	264·8	234·7	June 18	267·9	267·9	−0·6	511	+ 95
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see Table of Authorities, Remarks, pages 105-15.

†Estimates not based on at least six equally spaced observations each day are in italics.

₫Change of normals, see Table of Authorities, pages 105-15.

TABLE SHOWING THE AUTHORITIES FOR THE METEOROLOGY OF THE GLOBE FOR THE YEAR 1933, AND THE PERIOD, OF THE NORMALS TOGETHER WITH THE HOURS OF OBSERVATION, FORMULAE FOR MEANS, ETC.

BETWEEN LATITUDE 90° N. AND 80° N. P = Barometric Pressure T = ½(M+m) Temperature $\mathcal{T}$ = True Mean Temperature R = Precipitation ZONE 0.

No.	Name of Station	Authority of Current Data	Period of Normals	Remarks For explanation see page 115	
047	Calm Bay	Leningrad, Trans. Arctic Inst., Vol. 79, 1937	..	e	P,$\mathcal{T}$ = ¼ (7+13+21)

ZONE 1

BETWEEN LATITUDE 80° N. AND 70° N.

101	Wrangel Insel	Leningrad, Trans. Arctic Inst., Vol. 86, 1937	P,$\mathcal{T}$, 10 yrs., 1926-36. R, 10 yrs., 1927-36	e	P,$\mathcal{T}$= ¼ (7+13+21)
105	Barrow	Washington, D.C., U.S. Dept. Agric. Climate Data, Alaska Section, 1933	P, 1921-35. T, R, 15 yrs., 1917-35	c	P = ½ (2+14)
121	Pond Inlet	Toronto Meteor. Serv., Monthly Record Meteor. Obs., 1933	T, 10 yrs., 1921-35	n	P = ¼ (8+20+). $\mathcal{T}$ = ¼ (8+20+M+m)
125	Upernivik	Copenhagen, Danske Meteor. Aarbog, 1933	P, 1874-1920. $\mathcal{T}$, R, 1873-1920	e	P = ¼ (8+14+21). $\mathcal{T}$ = ¼ [2(8+14)+5x21] 45° W. meridian time
131	Myggbukta	Oslo, Jahrb. Norweg. Meteor. Inst., 1934	..	kw	P = ¼ (8+14+19). $\mathcal{T}$ = n−k(n−min.) Where n is the mean of the three fixed daily observations and k is a factor varying with the station and month
132	Scoresbysund	See No. 125	P, 11 yrs., 1924-35. $\mathcal{T}$, 10 yrs., 1924-35	e	P = ¼ (8+14+21). $\mathcal{T}$ = ¼ [2(8+14)+5x21] 30° W. meridian time
135	Jan Mayen	See No. 131	P,$\mathcal{T}$, R, 10 yrs., 1921-31	ekw	P = ¼ (2+8+14+19). $\mathcal{T}$ see Myggbukta, No. 131
139	Svalbard Radio	Do.	P, 1912-26	cek	P = ¼ (8+14+19). $\mathcal{T}$ see Myggbukta, No. 131
140	Björnöen	Do.	P,$\mathcal{T}$, R, 1920-34	cek	Do.
141	Ingoy	Oslo, Jahrb. Norweg. Meteor. Inst., 1933	P,$\mathcal{T}$, R, 1922-36	ekw	Do.
142	Sletnes	Do.	P, 25 yrs., 1898-1923	ekw	Do.
143	Vardö	Do.	P, 1861-1930. $\mathcal{T}$, 1841-1930. R, 1876-1925	ekw	P = ¼ (8+13¼+18¼). $\mathcal{T}$ see Myggbukta, No. 131
147	Malye Karmakouly	Leningrad, Trans. Arctic Inst., Vol. 79, 1937	P, 29 yrs., 1896-1934. $\mathcal{T}$, 39 yrs., 1876-1928. R, 24 yrs., 1896-1935	e	P = ¼ (7+13+21). $\mathcal{T}$ derived from these hours
148	Vaigatch	Leningrad, Trans. Arctic Inst., Vol. 73, 1937	P, 18 yrs., 1914-34. $\mathcal{T}$, 20 yrs., 1914-35. R, 19 yrs., 1914-35	e	Do.
149	Russian Harbour	See No. 147	..	e	P,$\mathcal{T}$ = ¼ (7+13+21)
150	Cape of Desire (Zhelanya)	Do.	..	e	Do.
153	Dikson	Leningrad, Trans. Arctic Inst., Vol. 46, 1936	P,$\mathcal{T}$, R, 17 yrs., 1916-34	e	P = ¼ (7+13+21). $\mathcal{T}$ derived from these hours
162	Bulun	Leningrad, Trans. Arctic Inst., Vol. 102, 1937	P, 10 yrs., 1914-17; '25-33. $\mathcal{T}$, 16 yrs., 1909-16; '25-36	e	Do.
165	Great Liakhov Is. (Cape Shalaurov)	Do.	..	e	P,$\mathcal{T}$ = ¼ (7+13+21)

ZONE 2

BETWEEN LATITUDE 70° N. AND 60° N.

201	Cape Otto Schmidt	Leningrad, Trans. Arctic Inst., Vol. 86, 1937	..	e	P,$\mathcal{T}$ = ¼ (7+13+21)
202	Savoonga	Washington, D.C., U.S. Dept. Agric., Climat. Data, Alaska Section, 1933	..	..	..
203	Nome	Washington, D.C., U.S. Dept. Agric., Climat. Data, Alaska Section, 1933 and Rep. Chief of Weather Bureau, 1933-34	P, 15 yrs., 1918-33. T, R, 19 yrs.	cq	P,$\mathcal{T}$ = ½ (2+14)
204	Bethel	See No. 202	P, 10 yrs., 1923-34. T, R, 10 yrs., 1923-33	c	P = ½(1+13)
205	Tanana	See No. 203	P, 1918-32. T, R, 35 yrs.	cq	P,$\mathcal{T}$ = ½ (1+13)
206	Rampart	See No. 202	T, R, 19 yrs.	..	..
206a	Holy Cross	Do.	T, 32 yrs., 1893-1935. R, 26 yrs., 1893-1935	..	..
207	Cordova	Do.	P, 1923-36. T, R, 24 yrs., 1909-35		P = ⅓ (3+15) 135° W. meridian time
208	Fairbanks	See No. 203	T, R, 32 yrs., 1904-36	c	P,$\mathcal{T}$ = ½ (2+14)
209	Dawson	Toronto Meteor. Serv., Monthly Record Meteor. Obs., 1933	T, R, 1897-1926	en	P,$\mathcal{T}$(Aug., Year) = ½ (8+20). $\mathcal{T}$ (Jan.-July, Sept.-Dec.) = ¼ (8+20+M+m)
210	Aklavik	Do.	..	en	P = ½ (8+20). $\mathcal{T}$ = ¼ (8+20+M+m)
211	Fort Good Hope	Do.	T, 1908-28. R, 1898-1932	en	Do.
212	Fort Simpson	Do.	T, R, 1897-1927	en	Do.
213	Hay River	Do.	T, R, 1893-1928	en	Do.
214	Coppermine	Do.	..	en	Do.
218	Chesterfield	Do.	T, 11 yrs., 1921-32	en	Do.
221	Nottingham Island	Do.	..	en	Do.
223	Hope's Advance	Do.	..	en	P,$\mathcal{T}$(Oct.) = ½(8+20). $\mathcal{T}$ (Jan. - Sept.) = ¼ (8+20+M+m)
224	Resolution Island	Do.	..	en	P = ½ (8+20). $\mathcal{T}$ = ¼ (8+20+M+m)
225	Jacobshavn	Copenhagen, Danske Meteor. Aarbog, 1933	P,$\mathcal{T}$, R, 1873-1920	ce	P = ⅓ (8+14+21). $\mathcal{T}$ = ⅓ [2(8+14)+5x21]
226	Godthaab	Do.	$\mathcal{T}$, 1875-1920. R, 1873-1917	c	$\mathcal{T}$ = ⅓ [2(8+14)+5x21]
227	Ivigtut	Do.	P, 1878-1920. $\mathcal{T}$, 1879-1920. R, 1875-1920	ce	P = ⅓ (8+14+21). $\mathcal{T}$ = ⅓ [2(8+14)+5x21]
229	Angmagsalik	Do.	P, $\mathcal{T}$, 35 yrs., 1894-1930. R, 35 yrs., 1897-1933	ce	Do.
231	Stykkisholm	Reykjavik, Mánadaryfirlit á vedurstofunni, 1933	P, 1845-1923. $\mathcal{T}$, 1846-1900. R, 1856-1923	c	Do.
232	Vestmanno	Do.	P, 1881-1923. $\mathcal{T}$, 1878-1916. R, 1880-1923	c	Do.
233	Grimsey	Reykjavik, Mánadaryfirlit á vedurstofunni, 1933 and MS. data See No. 231	P, 1874-1918; '20-23. $\mathcal{T}$, 1875-1916. R, 42 yrs., 1874-1923	c	Do.
233a	Akureyri	See No. 233	..	..	..
234	Teigarhorn	See No. 225	P, 1872-1923. $\mathcal{T}$, 1873-1916. R, 1873-1923	c	P = ⅓ (8+14+21). $\mathcal{T}$ = ⅓ [2(8+14)+5x21]
235	Hæjvig	London, Monthly Weather Rep. Meteor. Office, 1933	P, 1872-1920. T, R, 1873-1922	ce	P = ⅓ (8+14+21). $\mathcal{T}$ = ¼ (8+14+2x21)
236	Lerwick	Oslo, Jahrb. Norweg. Meteor. Inst., 1933 and MS. data	P, 1871-1915. T, 1921-35. R, 1881-1915	c	P,$\mathcal{T}$ = ¼ (1+7+13+18)
237	Bergen, Fredriksberg		P, (1860-1926). $\mathcal{T}$, 1904-28. R, 1765-70; 1861-1921	ew	P = ⅓ (8+14+19). $\mathcal{T}$, see Myggbukta No. 131
238	Ona	Oslo, Jahrb. Norweg. Meteor. Inst. 1933	P,R, 1876 - 1925. $\mathcal{T}$, 1861-1920	ekw	Do.

ZONE 2. cont.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
239	Trondheim	See No. 237	P, 1874-1913.$\mathbb{T}$, 1861-1920. R, 1876-1925	ce P = $\frac{1}{2}$ (8+14+19).$\mathbb{T}$, see Myggbukta No. 131
240	Bodö	See No. 238	P, R, 1868-1920.$\mathbb{T}$, 1861-1920	cek P = $\frac{1}{2}$ (8+14+19).$\mathbb{T}$, see Myggbukta No. 131
241	Haparanda	Stockholm, Statens Meteor.-Hydrogr. Anst., Arsbok, 15, 1933	P, 1860-1920.$\mathbb{T}$, 1859-1920. R, 1860-1924	ew P = $\frac{1}{2}$ (8+14+21).$\mathbb{T}$ derived from these hours
242	Helsingfors	Helsingfors, Jahrb. Meteor. Zentral-Anst., Pt. 1., 1933	P, 1882-1920.$\mathbb{T}$, 1829-1923. R, 1844-1924	ce P = Mean of 24 hrs.$\mathbb{T}$derived from ¼ (7+15+2x21)
242a	Kuopio	Do.	P, 1884-1928.$\mathbb{T}$, 35 yrs., 1884-1919. R, 1886-1920	ce P = $\frac{1}{2}$ (7+15+21).$\mathbb{T}$derived from ¼ (7+15+2x21)
243	Kola	MS. data supplied by Hydromet. Serv., U.S.S.R., Moscow	P, 47 yrs., 1871-1920.$\mathbb{T}$, 1876-1908, '10-15. R, 35 yrs., 1878-1935	e P = $\frac{1}{2}$ (7+13+21).$\mathbb{T}$derived from these hours
244	Petrozavodsk	Do.	$\mathbb{T}$, 55 yrs., 1857-1915. R, 35 yrs., 1870-1925	e $\mathbb{T}$derived from $\frac{1}{2}$ (7+13+21)
245	Arkhangelsk	Do.	P, 1851-1917.$\mathbb{T}$,1813-1917. R, 1871-1917	e P = $\frac{1}{2}$ (7+13+21).$\mathbb{T}$derived from these hours
246	Mezen	Do.	P, 1871-1908.$\mathbb{T}$, R, 1883-1923	Do.
247	Oust-Tsylma	Do.	P, 26 yrs.,1890-1922.$\mathbb{T}$, R, 35 yrs., 1889-1930	e Do.
248	Tcherdyn	Do.	P, 1851-1900.$\mathbb{T}$, 1847-'48; '88-1927. R, 35 yrs., 1885-1923	e Do.
249	Berezov	..	..	..
249a	Yugor Strait	Leningrad, Trans. Arctic Inst., Vol. 73, 1937	P, 20 yrs., 1913-34.$\mathbb{T}$, 22 yrs., 1913-35. R, 20 yrs., 1913-35	P,$\mathbb{T}$= $\frac{1}{2}$ (7+13+21)
250	Obdorsk	..	..	..
251	New Port	..	..	..
252	Sourgout	..	..	..
253	Doudinka	..	..	..
254	Touroukhansk	..	..	..
261	Viliouisk	MS. data supplied by Hydromet. Serv., U.S.S.R., Moscow	$\mathbb{T}$, 1898-1922. R, 25 yrs., 1898-1923	e $\mathbb{T}$derived from $\frac{1}{2}$ (7+13+21)
262	Iakoutsk	Do.	P, 33 yrs., 1888-1907; 1911-26.$\mathbb{T}$,35 yrs., 1888-1924. R, 35 yrs.,1837-1918	e P =$\frac{1}{2}$ (7+13+21). $\mathbb{T}$ derived from these hours
263	Verhoiansk	Do.	P, 15 yrs.,1901-05, '10-20.$\mathbb{T}$, 35 yrs., 1883-1928. R, 25 yrs., 1886-1916	e Do.
264	Petropavlovskoe	Do.	..	e Do.
268	Naiakhan	Do.	..	e Do.
271	Novo Mariinskii Post	Do.	P, 13 yrs., 1898-1919; '26-27.$\mathbb{T}$ 16 yrs., 1898-1919; '26-27. R, 15 yrs., 1898-1919; '26-27	e Do.

ZONE 3 BETWEEN LATITUDE 60° N. AND 50° N.

302	St. Paul Island	Washington, D.C., U.S. Dept. Agric., Climat. Data, Alaska Section, 1933	P, 1917-32. T, 15 yrs., R, 23 yrs.	c P(Jan., Feb.) = ½(0½+12½). P(Mar. to Dec.) = ½ (1+13)
303	Dutch Harbor	Washington, D.C., U.S. Dept. Agric., Climat. Data, Alaska Section, 1933 and Rep. Chief of Weather Bureau, 1933-4	R, 1917-32. T, 35 yrs., 1872-86; 1905-35. R, 25 yrs., 1905-33	cq P,$\mathbb{T}$ = ½ (1+13)
305	Dillingham	See No. 302	T, 15 yrs., 1919-36. R, 10 yrs., 1919-30	..
306	Kodiak	See No. 303	P, 15 yrs., 1918-33. T, 1917-31. R, 25 yrs., 1898-1930	cq P,$\mathbb{T}$ = ½ (2+14)
309	Sitka	See No. 302	T, 43 yrs. R, 61 yrs., 1842-1921	..
310	Prince Rupert	Toronto, Meteor. Serv., Monthly Record Meteor. Obs., 1933 and MS. data	P, 1911-35. T, 1909-33. R, 1910-34	en P = ½ (8+20). $\mathbb{T}$ = ¼ (8+20+M+m)
311	Prince George	Do.	T, R, 1912-33	en Do.
312	Kamloops	Do.	P, 1911-35. T, 35 yrs., 1891-1927. R, 1895-1929	en Do.
313	Calgary	Do.	P, 1894-1928. T, 1884-1923. R, 1884-1920	en Do.
314	Fort Smith	Do.	T, R, 1913-34	en Do.
315	Prince Albert	Do.	P, 1897-1931. T, 1885-1925. R, 1884-1920	en Do.
316	Qu'Appelle	Do.	P, 1892-1926. T, R, 1883-1920	en Do.
317	Minnedosa	Do.	P, 1895-1929. T, 1881-1933. R, 1883-1917	en Do.
318	Berens River	Do.	T, 1886-1917. R, 1886-1920	..
318a	Churchill	Do.	..	en P = ½ (8+20). $\mathbb{T}$ = ¼ (8+20+M+m)
319	Pagwa	Do.	T, R, 1918-30	..
320	Moose Factory	Do.	T, 35 yrs., 1890-1926. R, 1895-1927	n $\mathbb{T}$ = ¼ (8+20+M+m)
320a	Moosonee	Do.	..	n P = ½ (8+20). $\mathbb{T}$ = ¼ (8+20+M+m)
321	Fort George	Do.	T, 1916-28	n $\mathbb{T}$ = ¼ (8+20+M+m)
322	Mistassini Post	Do.	T, R, 1894-1900; '14-28	..
323	Fort Chimo	Do.	T, 1923-32	en P = ½ (8+20). $\mathbb{T}$ = ¼ (8+20+M+m)
324	Natashkwan	Do.	T, R, 15 yrs., 1914-30	..
326	Belle Isle	Do.	P, 1900-09; '11-13; '17-18. T, 35 yrs., 1888-1923. R, 35 yrs.	en P = ½ (8+20). $\mathbb{T}$ = ¼ (8+20+M+m)
334	Valentia Observatory	London, Observatories' Year Book, 1933	P,$\mathbb{T}$, 1871-1915. R, 1871-1920	P,$\mathbb{T}$= mean of 24 hrs.
335	Aberdeen	Do.	P,$\mathbb{T}$, 1871-1915. R, 1871-1920	Do.
336	Greenwich	London, Monthly Weather Rep. Meteor. Office, 1933	P, 1854-1920.$\mathbb{T}$, R, 1881-1915	Do.
337	Uccle	MS. data supplied by Inst. Roy. Meteor. Belgique	P, 1833-1904. T, 1886-1920. R, 1887-1926	e P = mean of 24 hrs. $\mathbb{T}$ = mean of bi-hourly observations

ZONE 3. cont.

No.	Name of Station	Authority of Current Data	Period of Normals	Remarks For explanation see page 115
338	De Bilt	De Bilt, K. Ned, Meteor. Inst. Jaarboek, 1933	P, R, 1849-1920.$\mathbb{T}$, 1849-1929	e P,$\mathbb{T}$ = mean of 24 hrs.
338a	Hamburg	Hamburg, D. Seewarte, Ergebn. Meteor. Beob., 1933	P,$\mathbb{T}$, R, 80 yrs.	e Do.
339	Copenhagen (Meteor. Inst.)	Copenhagen, Danske Meteor. Aarbog, 1933	P, 1842-1917.$\mathbb{T}$, 1768-76; '82-88; '98-1920. R, 1820-1920	ce P = $\frac{1}{2}$ (8+14+21).$\mathbb{T}$derived from these hours. Temp. and rainfall data refer to the Landbohøjskolen, 55° 41′ N. 12° 33′ E. 13m.
340	Potsdam	Berlin, Ergebn. Meteor. Beob. Potsdam, 1933	P, 1851-1916.$\mathbb{T}$, 1893-1927. R, 1877-1916	e P, $\mathbb{T}$ mean of 24 hrs.
340a	Uppsala	Uppsala, Bull. Mens. Obs. Météor., 1933	P, 1860-1920.$\mathbb{T}$, 1855-1920. R, 1851-1924	e Do.
341	Warsaw	MS. data supplied by Inst. Météor. Warsaw	P, 1885-1920. T, R, 1923-32	c P = $\frac{1}{2}$ (7+13+21) $\mathbb{T}$= ¼ (7+13+2x21).
342	Tartu	Tartu, Meteor. Jahrb. Eesti, 1933	P,$\mathbb{T}$, R, 1866-1915	e P, = mean of 24 hrs.
343	Leningrad	MS. data supplied by Hydromet. Serv., U.S.S.R., Moscow	P,$\mathbb{T}$, 1871-1915. R. 90 yrs., 1778-97; 1835-1915	e P, = $\frac{1}{2}$ (7+13+21).$\mathbb{T}$derived from these hours
344	Moscow	Do.	P, 1871-1915.$\mathbb{T}$, 1881-1915. R, 61 yrs., 1853-1915	e Do.
345	Saratov	Do.	P, 1851-1900.$\mathbb{T}$, 52 yrs., 1836-1915	e Do.
346	Kazan	Do.	P,$\mathbb{T}$, 1881-1915. R, 1876-1925	e Do.
347	Orenburg	Do.	P,$\mathbb{T}$, 1886-1920. R, 37 yrs., 1885-1922	
348	Perm	Do.	P, 37-8 yrs., 1885-1922.$\mathbb{T}$, 1883-1922, R, 35 yrs., 1882-1917	e Do.
349	Sverdlovsk	Do.	P,$\mathbb{T}$, 1881-1915. R, 1836-1922	e Do.
350	Tobolsk	Do.	P, 1887-94; '97-1927.$\mathbb{T}$, 35 yrs., 1884; '87-1924. R, 42 yrs., 1841-1922	e Do.
351	Akmolinsk	Do.	P, 25 yrs., 1896-1919, '25-27.$\mathbb{T}$, 34 yrs., 1881-85; '90-1919; '23. R, 36 yrs., 1873-1919	e Do.
352	Omsk	Do.	P, 35 yrs., 1887-1930.$\mathbb{T}$, 35 yrs., 1885-1927. R, 35 yrs., 1875-1923	e Do.
353	Barnaoul	Do.	P,$\mathbb{T}$, 1881-1915. R, 80-81 yrs., 1838-1922	e Do.
354	Tomsk	Do.	P,$\mathbb{T}$, 1881-1915. R, 45 yrs., 1874-1922	e Do.
355	Minousinsk	Do.	P, 35 yrs., 1889-1926.$\mathbb{T}$, 1885-1936. R, 35 yrs., 1874-1926	e Do.
356	Eniseisk	Do.	P, 35 yrs., 1889-1925.$\mathbb{T}$, 34-35 yrs., 1881-1915. R, 48-49 yrs., 1871-1922	e Do.
357	Irkutsk	Do.	P, 1881-1926.$\mathbb{T}$, 39-40 yrs., 1881-1920. R, 1887-1921	e Do.
358	Kirensk	..	..	..
359	Tchita	Do.	P,$\mathbb{T}$, 35 yrs., 1890-1929. R, 25 yrs., 1887-1915	e Do.
360	Nertchinskii Zavod	..	..	..
361	Tygan Ourkan	Do.	P, 1911-21.$\mathbb{T}$, R, 1910-20	e Do.
362	Blagovyeshchensk (Bureau Météor.)	Do.	P, 25 yrs., 1890-1921.$\mathbb{T}$, 35 yrs., 1881-1921. R, 35 yrs., 1877-1926	e Do.
364	Chantar Bolchoy	Do.	..	$\mathbb{T}$derived from $\frac{1}{2}$(7+13+21)
365	Nikolaevsk-sur-Amour	Do.	P, 47 yrs., 1871-1919.$\mathbb{T}$, 60 yrs., 1854-1919. R, 51 yrs., 1860-1919	e P = $\frac{1}{2}$ (7+13+21).$\mathbb{T}$derived from these hours
366	Okhotsk	Do.	P, 20 yrs., 1890-1930.$\mathbb{T}$, 21 yrs., 1890-1930. R, 25 yrs., 1846-1929	e Do.
368	Petropavlovsk (Phare)	Do.	P, 25 yrs., 1891-1930.$\mathbb{T}$, 33 yrs., 1890-1930. R, 35 yrs., 1846-1928	e Do.
369	Kluchevskoye	Do.	..	..
370	Nikolskoe	Do.	..	..

BETWEEN LATITUDE 50° N. AND 40° N. ZONE 4

411	Victoria, B.C.	Toronto, Meteor. Serv. Monthly Record Meteor. Obs., 1933 and MS. data	P, 1900-34. T, R, 1891-1925	en P = ½ (8+20). $\mathbb{T}$ = ¼ (8+20+M+m)
412	Portland, Oregon	Washington, D.C., U.S. Dept. Agric., Rep. Chief of Weather Bureau, 1933-4 and Monthly Weather Rev., 1933	P, T, 1873-1923. R, 1871-1922	nq P,$\mathbb{T}$ = ½ (8+20) reduced to mean of 24 hrs.
413	Macleod	See No. 411	T, 35 yrs., 1895-1931. R, 35 yrs., 1895-1930	$\mathbb{T}$derived from ½.(M+m)
414	Helena	See No. 412	P, 1882-1923. T, R, 1880-1923	nq P,$\mathbb{T}$ = ½ (8+20) reduced to mean of 24 hrs.
414a	Salt Lake City	Do.	P, T, 1875-1923. R, 1874-1923	nq Do.
415	Cheyenne	Do.	P, T, 1873-1923. R, 1871-1922	nq Do.
416	North Platte	Do.	P, T, 1875-1923. R, 1874-1922	nq Do.
416a	Bismarck	Do.	P, T, 1875-1923. R, 1874-1923	nq Do.
417	Winnipeg	See No. 411	T, 1873-1920. R, 1886-1920	en P = ½ (8+20). $\mathbb{T}$ = ¼ (8+20+M+m)
418	Duluth	See No. 412	P, see current data. T, 1904-28. R, 1871-1923	n P,$\mathbb{T}$ = ½ (8+20) reduced to mean of 24 hrs.
419	Port Arthur	See No. 411	P, 1900-34. T, 1885-1914. R, 1881-1915	en P = ½ (8+20). $\mathbb{T}$ = ¼ (8+20+M+m)
420	Chicago	See No. 412	P, see current data. T, 1873-1923. R, 1871-1923	n P,$\mathbb{T}$ = ½ (8+20) reduced to mean of 24 hrs.
421	Toronto	See No. 411	P, 1886-1921. T, 1873-1920. R, 1874-1920	en P = ½ (8+20). $\mathbb{T}$ = ¼ (8+20+M+m)
422	New York (Central Park)	New York, Rep. Meteor. Obs., Central Park, 1933	P, 51 yrs., 1868-1920.$\mathbb{T}$, R, 65 yrs., 1868-1934	enq P = $\frac{1}{2}$ (7+14+21). $\mathbb{T}$ = mean of 24 hrs.
423	St. John, N.B.	See No. 411	T, 1875-1924. R, 1861-1910	en P = ½ (8+20). $\mathbb{T}$ = ¼ (8+20+M+m)
424	S.W. Point Anticosti	Do.	T, R, 1882-1920	en Do.
424a	Sable Island (Main Station)	Do.	T, 35 yrs., 1898-1933. R, 35 yrs., 1891-1927	en Do.
426	St. John's, Newfoundland	Do.	P, 35 yrs., 1886-1921. T, 1872-1920. R, 1874-1920	en Do.
435	Madrid	Madrid, Serv. Meteor. Nacional. Res. de Obs. 1933	P, T, 1901-25. R, 25-26 yrs.,1901-26	e P = $\frac{1}{2}$ (7+13+18).$\mathbb{T}$= $\frac{1}{2}$ (7+13+18) reduced to mean of 24 hrs.

ZONE 4. cont.

No.	Name of Station	Authority of Current Data	Period of Normals	Remarks for explanation see page 115
436	Nantes	Paris, Bull. Mens. Office Nat. Météor. France, 1933 and MS. data	P,$\mathfrak{T}$, R, 1881-1920	e P,$\mathfrak{T}$ = mean of 24 hrs.
437	Paris (Parc St. Maur)	Do.	P,$\mathfrak{T}$, 1874-1923. R, 1820-1910	e Do.
438	Marseille	Marseille, Comm. Météor. Bouches Rhône, Bull. Ann., 1933-4	P,$\mathfrak{T}$, R, 1871-1920	P = $\frac{1}{2}$ (7+12+18). $\mathfrak{T}$ derived from these hours
438a	Zürich	Zürich, Ann. Schweiz. Meteor Zentralanst., 1933	P,$\mathfrak{T}$, R, 1864-1920	e P, $\mathfrak{T}$ = mean of 24 hrs.
439	Rome	MS. data supplied by R. Uff. Centr. Meteor. Geodin., Rome	P, 1858-1924. T, 1831-1910. R, 1782-1924	ce P = $\frac{1}{2}$ (8+14+19). $\mathfrak{T}$ derived from ¼ (M+m).
440	Vienna	MS. data supplied by Zentralanst. Meteor. und Geodyn., Wien	P, R, 1851-1920. $\mathfrak{T}$, 1775-1920	e P, $\mathfrak{T}$ = mean of 24 hrs.
440a	Budapest	Budapest, Witterungsber. von Ungarn, 1933	P, R, 1871-1920. $\mathfrak{T}$, 1871-1930	e Do.
441	Sofia	Sofia, Bull. Mens. Inst. Météor., Bulgarie, 1933	P, 1918-32. $\mathfrak{T}$, R, 1892-1926	e P = $\frac{1}{3}$ (7+14+21). $\mathfrak{T}$ = ¼ (7+14+2x21).
442	Bucharest	Bucuresti, Bul. Lunar Obs. Meteor. Romania, 1933	P, 1881-1924. $\mathfrak{T}$, 1857-1924. R, 1864-1924	e P$\mathfrak{T}$ = mean of 24 hrs.
443	Odessa (Observatory)	MS. data supplied by Hydromet. Serv., U.S.S.R. Moscow	P, $\mathfrak{T}$, 41 yrs., 1881-1922. R, 69 yrs., 1841-1915	e P = $\frac{1}{3}$ (7+13+21) $\mathfrak{T}$ derived from these hours
444	Novorossiisk	Do.	P, 38 yrs., 1881-1922. $\mathfrak{T}$, 35 yrs., 1891-1925. R, 1892-1927	e Do.
445	Tiflis	Do.	P, 1881-1922. $\mathfrak{T}$, 1881-1915, R, 78 yrs., 1844-1922	e Do.
446	Astrakhan	Do.	P,$\mathfrak{T}$, 1881-1915. R, 68 yrs., 1846-1915	e Do.
447	Fort Alexandrovsk	Do.	P, 25 yrs., 1882-86; 1901-25. $\mathfrak{T}$, 35 yrs., 1882-1918. R, 47 yrs., 1848-59; 1875-1922	e Do.
448	Krasnovodsk		P,$\mathfrak{T}$, 35 yrs., 1883-1923. R, 35 yrs., 1870-1924	e Do.
449	Kasalinsk	Do.	P, 15 yrs., 1894-1908; 1921. $\mathfrak{T}$, 35 yrs., 1855-1908; 1921. R, 35 yrs., 1862-1906	e Do.
450	Tashkent	Do.	P,$\mathfrak{T}$, 1881-1915. R, 38-39 yrs., 1877-1922	e Do.
451	Andijan	Do.	..	..
452	Alma Ata	Do.	P, 36 yrs., 1881-1922. $\mathfrak{T}$, 1921-30. R, 39 yrs., 1879-1922	e P = $\frac{1}{3}$ (7+13+21). $\mathfrak{T}$ derived from these hours
459	Peiping	Peiping, Meteor. Bull. Tsing Hua Univ., 1933	..	e P,$\mathfrak{T}$ = mean of 24 hrs.
461	Fengtien (Moukden)	Tokyo, Monthly Rep. Centr. Meteor. Obs., Japan, 1933 and MS. data	P,$\mathfrak{T}$, R, 1906-29	c P,$\mathfrak{T}$ = $\frac{1}{4}$ (2+6+10+14+18+22)
462	Joshin	Do.	P,$\mathfrak{T}$, R, 1906-29	c Do.
463	Yuki	Do.	P,$\mathfrak{T}$, R, 1915-29	c Do.
464	Vladivostok	..	..	..
465	Ochiai	See No. 461	P,$\mathfrak{T}$, R, 1908-29	P,$\mathfrak{T}$ = $\frac{1}{4}$ (2+6+10+14+18+22) + 135°E. meridian time
466	Nemuro	Do.	P, 1886-1920. $\mathfrak{T}$, R, 1884-1920	Do.
466a	Syana	Do.	P,$\mathfrak{T}$, R. 1903-29	Do.

ZONE 5 BETWEEN LATITUDE 40° N. AND 30° N.

511	San Francisco	Washington, D.C., U.S. Dept. Agric., Rep. Chief of Weather Bureau, 1933-4 and Monthly Weather Rev., 1933	P, T, 1873-1923. R, 1850-1925	nq P, $\mathfrak{T}$ = ½ (8+20) reduced to mean of 24 hrs.
512	Sacramento	Do.	P, 1878-1931. T, 43 yrs., 1878-1921. R, 1850-1924	nq Do.
513	San Diego	Do.	P, T, 1873-1922. R, 1850-1923	nq Do.
514	Modena	Do.	P,$\mathfrak{T}$, R, 1901-35	nq Do.
515	Santa Fé	Do.	P, 1873-80; '82; '85-1923. T, 1873-82; '85-1923. R, 67 yrs., 1850-1923	nq Do.
516	Denver	Do.	P, T, 1873-1923. R, 1872-1923	nq Do.
517	Abilene	Do.	P, T, 1886-1923. R, 1885-1922	nq Do.
518	Saint Louis	Do.	P, T, 1873-1923. R, 1837-1923	nq Do.
519	Mobile	Do.	P, T, 1873-1923. R, 1871-1922	nq Do.
520	Nashville	Do.	P, T, 1873-1923. R, 1871-1922	nq Do.
521	Charleston	Do.	P, T, 1873-1923. R, 1871-1922	nq Do.
522	Washington	Do.	P, T, 1873-1923. R, 1871-1925	nq Do.
524	Bermuda	Bermuda Blue Book, 1933 and MS. data	T, 63 yrs., 1852-1928. R, 62 yrs., 1866-1928	c P = $\frac{1}{3}$ (8+15+20). $\mathfrak{T}$ = ¼ (8+20+M+m)
530	Santa Cruz (Flores)	MS. data supplied by Director, Meteor. Serv., Azores	P, 1907-31. T, R, 1911-35	P, $\mathfrak{T}$ = mean of 24 hrs.
531	Horta	Do.	P,$\mathfrak{T}$, R, 1902-26	Do.
532	Ponta Delgada	Do.	P,$\mathfrak{T}$, 1894-1928	Do.
532a	Faja de Cima	Do.	R, 1911-25	..

ZONE 5. cont.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
533	Madeira (Funchal)	Lisbon, An. Obs. Centr. Meteor., Vol. 71, 1933	P,$\mathfrak{T}$, R, 1880-1920	e P = $\frac{1}{3}$ (9+15+21). $\mathfrak{T}$ = ¼ (9+21+M+m)
535	Lisbon	Lisbon, An. Obs. Centr. Meteor., Vol. 71, 1933	P,$\mathfrak{T}$, R, 1864-1920	e P,$\mathfrak{T}$ = mean of 24 hrs.
536	Gibraltar	MS. data at M.O.	P, 76 yrs., 1852-1930. T, 78 yrs., 1852-1932. R, 79 yrs., 1852-1932	c P = $\frac{1}{3}$ (7+13+21). $\mathfrak{T}$ = ¼ (7+13+2x21)
536a	Colomb-Béchar	MS. data supplied by Office Nat. Météor., Paris	P, 11 yrs., 1922-33. T, 16 yrs., 1913-14; '21-36. R, 17 yrs., 1913-14; '21-36	c P = $\frac{1}{3}$ (7+13+18). $\mathfrak{T}$ = ¼ (7+13+18+m)
537	Palma	Madrid, Serv. Meteor Nacional, Res. de Obs., 1933	P, T, R, 1865-1921	ex Do.
538	Algiers	Algiers, Bull. Mens. Inst. Météor. Phys. Globe, 1933	P,$\mathfrak{T}$, R, see current data	eq P, $\mathfrak{T}$ = mean of 24 hrs.
538a	Gadames	Tripoli, Boll. Meteor. Col. Ital., 1933	T, 15 yrs., 1912-15; '19-30. R, 1912-15: '19-29	..
539	Tunis	Tunis, Serv. Météor. Res. Clim., 1933	P, 1921-35. $\mathfrak{T}$, 35 yrs., 1887-1921; R, 35 yrs., 1887-1925	ce P = $\frac{1}{3}$ (8+14+19). $\mathfrak{T}$ derived from ¼ (8+14+19+m)
540	Malta	MS. data at M.O.	P, 66 yrs., 1852-1923. T, 64 yrs., 1853-1923. R. 70 yrs., 1853-1923	x P = ½ (7+18), $\mathfrak{T}$ derived from ½ (M+m)
541	Athens	MS. data supplied by Obs. Royal, Athens	P, 71 yrs., 1839-1923. $\mathfrak{T}$, R, 1858-1923	e P,$\mathfrak{T}$ = mean of 24 hrs.
542	Alexandria	Cairo, Phys. Dept., Meteor. Rep., 1933	P, 1888-1922. $\mathfrak{T}$, 1870-1922. R, 1884-1934	ce P = $\frac{1}{3}$ (8+14+20). $\mathfrak{T}$ derived from ¼ (8+14+20+m)
543	Ankara	Ankara, Meteor. Inst. Yearbook, 1933	P (1878-1913)	e P = $\frac{1}{3}$ (7+14+21). $\mathfrak{T}$ = ¼ (7+14+2x21)
543a	Nicosia (P.W.D.)	Cyprus Blue Book, 1933	P, T, R, 1907-31	c P = ½ (8+14)
544	Beirut	Beirut, Monthly Bull. Obs., 1933	P,$\mathfrak{T}$, 1875-1924. R, 1876-1936	c P = $\frac{1}{3}$ (8½+14½+20½). $\mathfrak{T}$ = $\frac{1}{3}$ (8½+14½+20½+2M+3m)
545	Hinaidi	MS. data at M.O.	P, 1896-1910. T. R. 1922-32	x P = $\frac{1}{3}$ (2+6+13). $\mathfrak{T}$ derived from these hours
546	Lenkoran	..	..	..
547	Tehran	Calcutta, India Weather Rev., 1933	T, 25 yrs., 1893-1920. R, see current data	a $\mathfrak{T}$ derived from ½ (M+m)
548	Meshed	Do.	T, 17 yrs., 1891-94; 1905-20. R, see current data	a ..
549	Seistan	Do.	T, 1912-26. R, see current data	ax P = ½ (4+12)
550	Quetta	Do.	P, R, see current data. T, 1878-1920	aq P = 7h. $\mathfrak{T}$ derived from ½ (M+m)
551	Peshawar	Calcutta, India Weather Rev., 1933 and MS. data	P, R, see current data. T, 1878-1910	aq P = 8h. $\mathfrak{T}$ derived from ½ (M+m)
551a	Lahore	Do.	P,$\mathfrak{T}$R, see current data	ahq P = 8h. $\mathfrak{T}$ derived from ½ (10+17)
552	Simla	See No. 547	P, R, see current data. T, 1876-1920	aq P = 8h. $\mathfrak{T}$ derived from ½ (M+m)
552a	Leh	Do.	P, R, see current data. T, 43 yrs., 1875-1920	aq Do.
558	Sian	MS. data supplied by Obs. Météor., Zi-ka-Wei, Shanghai	..	et P,$\mathfrak{T}$ = mean of hourly observations 5h-21h
559	Hankow	MS. data supplied by Centr. Meteor. Obs., Tokyo	P,$\mathfrak{T}$, 1906-30. R, 39 yrs., 1875-1919	P = $\frac{1}{3}$ (6+14+22) 135° E. meridian time. $\mathfrak{T}$ derived from these hours
560	Tientsin	Do.	P,$\mathfrak{T}$, 1905-29. R, 1904-29	Do.
561	Shanghai (Zi-ka-Wei)	Zi-ka-Wei, Bull. Obs., 1933	P,$\mathfrak{T}$, R, 1873-1934	e P,$\mathfrak{T}$ = mean of 24 hrs.
562	Jinsen (Chemulpho)	Zinsen, Ann. Rep. Meteor. Obs., Tyôsen, 1933	P, 35 yrs., 1888-1923. $\mathfrak{T}$, 1888-1922. R, 1905-29	e Do.
562a	Nagasaki	Tokyo, Monthly Rep. Centr. Meteor. Obs., Japan, 1933	P, 1886-1920. $\mathfrak{T}$, R, 1879-1920	e Do.
563	Kyoto	Tokyo, Monthly Rep. Centr. Meteor Obs., Japan, 1933 and MS. data	P, 1881-1915. $\mathfrak{T}$, R, 1881-1920	c P,$\mathfrak{T}$ = $\frac{1}{4}$ (2+6+10+14+18+22)
564	Tokyo	See No. 562a	P, 1886-1920. $\mathfrak{T}$, R, 1876-1920	e P,$\mathfrak{T}$ = mean of 24 hrs.
565	Hukusima	See No. 563	P,$\mathfrak{T}$, R, 1897-1931	c P,$\mathfrak{T}$ = $\frac{1}{4}$ (2+6+10+14+18+22)
566	Miyako	Do.	P, 1886-1920. $\mathfrak{T}$, R, 1884-1920	c Do.

BETWEEN LATITUDE 30° N. AND 20° N. ZONE 6

601	Midway Island	MS. data supplied by Chief of Weather Bureau, Washington, D.C.	R, 1917-31	c P = 12h.
605	Honolulu	Washington, D.C., U.S. Dept. Agric., Rep. Chief of Weather Bureau, 1933-4 and Monthly Weather Rev., 1933	P, 1883-1928. T, 1883-1920. R, 1874-1928	q P = ½ (8+20). $\mathfrak{T}$ = ¼ (8+20+M+m) 157½° W. meridian time
613	Guaymas	MS. data supplied by Serv. Meteor., Tacubaya	P,$\mathfrak{T}$, R, 10 yrs., 1923-33	ce P = $\frac{1}{3}$ (7+14+21). $\mathfrak{T}$ derived from these hours
614	La Paz, Mexico	Do.	..	cde P = $\frac{1}{3}$ (7+14+21)
615	Leon	Tacubaya, Bol. Serv. Meteor., Mexicano, 1933	P,$\mathfrak{T}$, 35 yrs., 1879-1923. R, 37 yrs., 1878-1920	ceq P = $\frac{1}{3}$ (7+14+21). $\mathfrak{T}$ derived from these hours
616	Monterry	Do.	P,$\mathfrak{T}$, 1886-88; '96-99; 1905-32. R, 25 yrs., 1885-1924	ce Do.
617	Tulancingo	Do.	P, 1922-31. $\mathfrak{T}$, R, 15 yrs., 1911-27	cq Do.
618	Galveston	See No. 605	P, T, 1873-1923. R, 1871-1924	rq P, $\mathfrak{T}$ = ½ (8+20) reduced to mean of 24 hrs.
618a	New Orleans	Do.	P, see current data. $\mathfrak{T}$, 1873-1923. R, 77 yrs., 1836-1922	n Do.
619	Merida, Yucatan	See No. 615	P, 35 yrs., 1894-1931. $\mathfrak{T}$, R, 25 yrs., 1895-1924	e P = $\frac{1}{3}$ (7+14+21). 105° W. meridian time $\mathfrak{T}$ derived from these hours
620	Havana	MS. data supplied by Director, Obs. Meteor. Colegio Belen, Habana	P, 1858-1925. $\mathfrak{T}$, R, 1926-36	e P, $\mathfrak{T}$ = mean of bi-hourly observations.
620a	Key West	See No. 605	P, T, 1873-1923. R, 1871-1922	rq P, $\mathfrak{T}$ = ½ (8+20) reduced to mean of 24 hrs.
621	Nassau, Bahamas	Bahamas Blue Book, 1933 and MS. data	P, 45 yrs., 1871-1920. T, 43 yrs., 1874-1920. R, 55 yrs., 1855-1920	n P = ½ (8+15). $\mathfrak{T}$ derived from ½ (M+m)
622	San Salvador (Watling Is.)	MS. data at M.O.	P,$\mathfrak{T}$, 15 yrs., 1915-30	ek1 P,$\mathfrak{T}$ (May to Aug.) = $\frac{1}{3}$ (4+8+12+16+20) P,$\mathfrak{T}$ (Sept., Oct.) = ¼ (8+12+16+22)
633	Port Etienne	Dakar, Bull. Serv. Meteor., A.O.F., 1933	R, 10 yrs., 1923-33	ex P, $\mathfrak{T}$ (Mar., Apr., June to Dec.) = ½ (8+18)
634	La Laguna	Madrid, Serv. Meteor. Nacional Res. de obs., 1933	P, 1911-25, T, 35-38 yrs., R, 35 yrs.	dex P = $\frac{1}{3}$ (7+13+21)
634m	Izaña	Do.	P. T, R, 1916-30	qx P = $\frac{1}{3}$ (7+13+18). $\mathfrak{T}$ derived from these hours

ZONE 6. cont.

No.	Name of Station	Authority of Current Data	Period of Normals	Remarks For explanation see page 115
636	Adrar	MS. data supplied by Inst. Météor. et Phys. Globe, Algiers	..	ex P = $\frac{1}{5}$ (7+13+18). $\mathcal{T}$ = ¼ (7+13+18+$\frac{18+m}{2}$)
638	Tamanrasset (Fort Lapperine)	Algiers, Obs. Jules Carde (Tamanrasset), 1933	P, 1928-37. T, R, 10 yrs., 1924-35	e P, $\mathcal{T}$ = mean of 24 hrs.
639	Gat	Tripoli, Boll. Meteor. Col. Ital., 1933	..	$\mathcal{T}$ = $\frac{1}{5}$ (8+14+19+M+m).
640	Hon	Do.	..	Do.
641	Giarabub	Do.	..	Do.
642	Siwa	Cairo, Phys. Dept. Meteor. Rep., 1933	P, 1921-30. T, 10 yrs., 1920-32. R, 1920-34	ef P = $\frac{1}{5}$ (8+14+20). $\mathcal{T}$ = ¼ (8+14+20+m)
643	Cairo (Helwan)	Do.	P, $\mathcal{T}$, R, 1904-28	e P$\mathcal{T}$, = mean of 24 hrs.
643a	Aswan	Do.	P, $\mathcal{T}$ 1901-25	ef P = $\frac{1}{5}$ (8+14+20). $\mathcal{T}$ = ¼ (8+14+20+m). No rain gauge as rainfall is practically unknown
644	Tor	Do.	P, $\mathcal{T}$ 1905-30. R. 1919-29	ef P = $\frac{1}{5}$ (8+14+20). $\mathcal{T}$ = ¼ (8+14+20+m)
647	Bushire	Calcutta, India Weather Rev., 1933 and MS. data	T, 43 yrs., 1876-1920. R, see current data	ax P = ½ (4+14). $\mathcal{T}$ derived from ½ (M+m)
648	Jask	Do.	T, 27 yrs., 1893-1920. R, see current data	ax Do.
649	Manora (Karachi)	Do.	P, R, see current data. T, 1905-19	aq P = 8h. $\mathcal{T}$ derived from ½ (M+m)
650	Jacobabad	Do.	P, R, see current data. T, 1878-1910	aq Do.
651	Jaipur	Do.	P, $\mathcal{T}$, R, see current data	ahq P = 8h. $\mathcal{T}$ derived from ½ (10+17)
652	Nagpur	Do.	P, R, see current data. T, 1875-1920	aq P = 8h. $\mathcal{T}$ derived from ½ (M+m)
653	Allahabad	Do.	P, R, see current data. T, 1876-1920	aq Do.
653a	Darjiling	Calcutta, India Weather Rev., 1933	P, R, see current data. T, 1890-1910	aq Do.
654	Calcutta	See No. 647	P, $\mathcal{T}$, R, see current data	ahq P = 8h. $\mathcal{T}$ derived from ½ (10+17)
655	Gauhati	Do.	P, R, see current data. T, 1902-20	aq P = 8h. $\mathcal{T}$ derived from ½ (M+m)
655a	Akyab	See No. 647	P, R, see current data. T, 1878-1920	aq P = 8h. $\mathcal{T}$ derived from ½ (M+m)
655m	Cherrapunji	See No. 653a	P, R, see current data. T, 1902-20	adq P = 8h.
656	Mandalay	See No. 647	P, R, see current data. T, 1889-1910	aq P = 8h. $\mathcal{T}$ derived from ½ (M+m)
656a	Tengyueh	Nanking, Ann. Météor. Rep., 1933	T, R, 1914-28	ce P = 9h. $\mathcal{T}$ = mean of tri-hourly observations
657	Phu Lien	Phu Lien, Ann. Serv. Météor. Indochine, 1933 and MS. data.	P, $\mathcal{T}$, R, 1907-31	P, $\mathcal{T}$ = mean of bi-hourly observations
658	Moncay	Do.	P, 1907-21. T, R, 1907-31	P = ¼ (1st. and 2nd. max. + 1st and 2nd min.). $\mathcal{T}$ derived from ½ (M+m)
659	Hongkong	Hongkong, Royal Obs., Monthly Meteor. Bull., 1933	P, $\mathcal{T}$, R, 1884-1928	P, $\mathcal{T}$ = mean of 24 hrs.
660	Amoy	See No. 656a	P, 15 yrs., 1894-1901; '14-22. $\mathcal{T}$, 25 yrs., R, 35 yrs., 1880-1924	ce P = 9h. $\mathcal{T}$ = mean of tri-hourly observations
661	Taihoku, Formosa	Tokyo, Monthly Rep. Centr. Meteor. Obs., Japan, 1933	P, $\mathcal{T}$, R, 1897-1931	e P, $\mathcal{T}$ = mean of 24 hrs.
661a	Basco	Manila, Weather Bureau, Ann. Rep., 1933	P, $\mathcal{T}$, 25 yrs., 1903-28. R, 25 yrs., 1903-30	c P, $\mathcal{T}$ = $\frac{1}{8}$ (2+6+10+14+18+22)
662	Naha	See No. 661	P, $\mathcal{T}$, R, 1891-1925	e P, $\mathcal{T}$ = mean of 24 hrs.
665	Titizima (Bonin Islands)	Tokyo, Monthly Rep. Centr. Meteor. Obs., Japan, 1933 and MS. data	P, $\mathcal{T}$, R, 25 yrs., 1906-31	c P, $\mathcal{T}$ = $\frac{1}{8}$ (2+6+10+14+18+22)

ZONE 7 — BETWEEN LATITUDE 20° N. AND 10° N.

715	Colima	Tacubaya, Bol. Serv. Meteor. Mexicano, 1933	P, $\mathcal{T}$, R, 15 yrs., 1917-32	ce P = $\frac{1}{5}$ (7+14+21). $\mathcal{T}$ derived from these hours
716	Morelia	Do.	P, 15 yrs., 1917-33. $\mathcal{T}$, R, 15 yrs., 1917-32	ce Do.
717	Mexico, Tacubaya	Tacubaya, Serv. Meteor. Mexicano, Res. Mens., 1933	P, 1917-31. $\mathcal{T}$, 1900-14; '17-26. R, 1900-34	q P, $\mathcal{T}$ = mean of 24 hrs.
718	Salina Cruz	See No. 715	P, $\mathcal{T}$, 15 yrs., 1907-26. R. 1903-13; '16-29	e P = $\frac{1}{5}$ (7+14+21) 105° W. meridian time. $\mathcal{T}$ derived from these hours
719	San Salvador	San Salvador, Ann. Obs. Meteor. 1933	P, $\mathcal{T}$, R, 1912-36	e P = $\frac{1}{5}$ (7+14+21). $\mathcal{T}$ = ¼ (7+14+2x21)
720	Belize	MS. data at M.O.	P, R, 1917-31. T, 1895-1905; '11-13	cde P = 6h
721	Jamaica (Negril Pt.)	Jamaica Blue Book, 1933	P, T, 1898-1932. R, 1895-1929	c P, $\mathcal{T}$ = ½ (7+15) reduced to mean of 24 hrs.
722	Port au Prince	MS. data supplied by Obs. Météor. Séminaire St. Martial, Port au Prince	P, 1865-69; '88-1925. $\mathcal{T}$, 1864-69; '88-1925. R, 49 yrs., 1863-69; '83-1925	c P = $\frac{1}{5}$ (7+13+21). $\mathcal{T}$ derived from ¼ (7+13+2x21)
723	Caracas	Caracas, Serv. Meteor. Nac., Res. Obs. Meteor., 1933	T, 25 yrs., 1905-32. R, 1891-1925	de P = $\frac{1}{5}$ (7+10+13+16+19+22) 67½° W. meridian time
724	San Juan, Porto Rico	Washington, D.C., U.S. Dept. Agric. Rep. Chief of Weather Bureau, 1933-34 and Monthly Weather Rev., 1933	P, R, 1899-1928. T, 1898-1928	nq P = ½ (8+20) reduced to mean of 24 hrs. $\mathcal{T}$ derived from ½ (M+m)
724a	Grenada (Richmond Hill)	Grenada Govt. Gazette, 1933	P, 1891-1925. T, 40 yrs., 1887-1929. R, 1891-1929	e P = ½ (9+18). $\mathcal{T}$ derived from ½ (M+m)
725	Barbados	Barbados Blue Book, 1933	P, 1916-30. T, 17 yrs., 1912-29. R, 74 yrs., 1853-1929	c P = ½ (9+15). $\mathcal{T}$ derived from ½ (M+m)
731	São Vicente, C. Verde Is.	Lisbon, An. Meteor. Colonais, 1933	P, R, 35 yrs., 1884-1921. $\mathcal{T}$, 1901-35	ce P = $\frac{1}{5}$ (9+15+21). $\mathcal{T}$ (Jan. to Oct.) = ¼ (9+21+M+m). $\mathcal{T}$ (Nov., Dec., Yr.) = ½ (9+21) corrected to ¼ (9+21+M+m)
732	San Tiago, C. Verde Is.	MS. data supplied by Serv. Meteor. Colonais, Lisbon	R, 51 yrs.	e P, $\mathcal{T}$ = $\frac{1}{5}$ (9+15+21)
733	Dakar	Dakar, Bull. Serv. Météor., A.O.F., 1933	T, R, 25 yrs., 1899-1913; '23-33	dex P, = ½ (8+18)
734	Bathurst (Cape. St. Mary)	Gambia Blue Book, 1933	T, 11 yrs., 1926-1937. R, 1926-35	$\mathcal{T}$ derived from ½ (M+m)
735	Bamako	See No. 733	..	ex P = ½ (8+18). $\mathcal{T}$ derived from ½ (M+m)
736	Kabara	MS. data supplied by Ministère des Colonies, Paris.	..	$\mathcal{T}$ derived from ½ (M+m)
737	Sokoto	MS. data at M.O.	T, 25 yrs., 1907-33. R, 1904-28	Do.
738	Kaduna Capital	Do.	T, 1917-31. R, 15 yrs., 1916-31	ce P = ½ (9+15). $\mathcal{T}$ derived from ½ (M+m)
739	Bilma	Dakar, Bull. Serv. Météor., A.O.F., 1933 and MS. data	..	e P = ½ (8+18)
740	Maiduguri	MS. data at M.O.	$\mathcal{T}$, 1926-35. R, 1904-28	c $\mathcal{T}$ = 9h
741	El Fasher	Cairo, Phys. Dept. Meteor. Rep., 1933	$\mathcal{T}$, 1920-30. R, 1917-31	eg P = $\frac{1}{5}$ (8+14+20). $\mathcal{T}$ = ¼ (8+14+20+m)
743	El Obeid	Do.	P, 25 yrs., 1901-27. $\mathcal{T}$, 1901-25. R, 1902-26	eg Do.
743a	Khartoum	Do.	P, 1903-27. $\mathcal{T}$, 1901-25. R, 1899-1933	e P = $\frac{1}{5}$ (8+14+20). $\mathcal{T}$ derived from ¼ (8+14+20+m)
744	Port Sudan	Do.	P, $\mathcal{T}$, 1905-30. R, 1906-29	eg P = $\frac{1}{5}$ (8+14+20). $\mathcal{T}$ = ¼ (8+14+20+m)
745	Berbera, Somaliland	MS. data at M.O.	P, 25 yrs., 1908-34. T, 1908-32. R, 1906-30	ce P = $\frac{1}{5}$ (8+14+20). $\mathcal{T}$ = ¼ (8+20+M+m)

ZONE 7 cont.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
746	Aden	Calcutta, India Weather Rev., 1933 and MS. data	P, R, see current data. T, 39 yrs., 1880-1920	aq P = 7h. $\mathcal{T}$ derived from ½ (M+m)
751	Bombay	Calcutta, India Weather Rev., 1933, Bombay, Magn. Meteor. and Seism. Obs., 1933 and MS. data	P, R, see current data. T, 1878-1920	aq P = 8h. $\mathcal{T}$ = mean of 24 hrs.
752	Kodaikanal	Calcutta, India Weather Rev., 1933	P, $\mathcal{T}$, R, see current data	aq Do.
752a	Bangalore	See No. 746	Do.	ahq P = 8h. $\mathcal{T}$ derived from ½ (10+17)
753	Madras	Do.	Do.	ahq Do.
754	Vizagapatam	Do.	P, R, see current data. T, 15 yrs., 1888-1921	aq P = 8h. $\mathcal{T}$ derived from ½ (M+m)
755	Port Blair	Do.	P, R, see current data. T, 1867-1920	aq Do.
756	Rangoon	Do.	P, R, see current data. T, 1876-1920	aq Do.
757	Cap St. Jacques	Phu Lien, Ann. Serv. Météor. Indochine, 1933 and MS. data	T, R, 1907-31	d P = ¼ (1st and 2nd max. + 1st and 2nd min.)
758	Nhatrang	Do.	T, R, 1907-31	d Do.
759	Iba	Manila, Weather Bureau, Meteor. Bull. and Ann. Rep., 1933	P, $\mathcal{T}$, 1911-35. R, 1902-35	c P = ½ (6+14). $\mathcal{T}$ derived from these hours
761	Vigan	Manila, Weather Bureau, Meteor. Bull., 1933	P, $\mathcal{T}$, 25 yrs., 1902-28. R, 35 yrs., 1887-1929	c P, $\mathcal{T}$ = $\frac{1}{8}$ (2+6+10+14+18+22)
761a	Manila	Do.	P, 1887-1922. $\mathcal{T}$, 1885-1928. R, 1865-1928	P, $\mathcal{T}$ = mean of 24 hrs.
762	Ormoc	See No. 759	P, $\mathcal{T}$, 1902-05; '07-27. R, 1902-36	c P = ½ (6+14). $\mathcal{T}$ derived from these hours
765	Guam, Ladrone Is.	Do.	P, 1907-31. $\mathcal{T}$, R, 1906-30	c P = ½ (6+14). $\mathcal{T}$ derived from these hours
766	Saipan	Tokyo, Monthly Rep. Centr. Meteor. Obs., Japan, 1933	..	e P, $\mathcal{T}$ = $\frac{1}{8}$ (2+6+10+14+18+22) 135° E. meridian time

BETWEEN LATITUDE 10° N. AND 0° — ZONE 8

805	Fanning Island	MS. data at M.O.	P, 15 yrs., 1921-37. $\mathcal{T}$ (Jan. to Mar., Yr.) 13 yrs., 1921-34. T. (Apr. to Dec.) 25 yrs., 1904-34. R, 25 yrs., 1903-30	de P, $\mathcal{T}$ (Jan. to Mar., Yr.) = 9h. "d" refers to Apr. to Dec.
821	Cristobal	Balboa Heights, Panama Canal Sect. Meteor. and Hydrogr., Monthly Meteor. Rep., 1933	P, 1908-32. T, 35 yrs., 1881-1935. R, 1863-74; '81-87; '89-1923	P, $\mathcal{T}$ = mean of bi-hourly observations
822	Bogota	Bogota, An. Obs. Nac. San Bartolomé, 1933	P, T, 1923-32. R, 1866-85; '94-1923	q P = $\frac{1}{5}$ (6+8+10+12+14+16+18+20) $\mathcal{T}$ = $\frac{1}{11}$ (6+8+10+12+14+16+18+20+2m)
822a	Merida, Venezuela	Caracas, Serv. Meteor. Nac., Res. Obs. Meteor., 1933	T, R, 1915-29	P = $\frac{1}{5}$ (6+12+21). $\mathcal{T}$ derived from ½ (M+m)
823	Ciudad Bolivar	Do.	P, 10 yrs., 1923-34. T, 15 yrs., 1917-35. R, 15 yrs., 1917-33	de P = $\frac{1}{5}$ (6+12+21)
825	Georgetown, Brit. Guiana	British Guiana Blue Book, 1933	P, 1887-1929. T, 1846-56; '87-1929. R, 1894-1928	P = $\frac{1}{5}$ (7+13+18). $\mathcal{T}$ derived from these hours
826	Paramaribo	De Bilt, K. Med. Meteor. Inst., Meteor. Obs. Netherlands West Indies, 1933	P, 1876-1915. $\mathcal{T}$, 1899-1928. R, 1847-54; '64-1925	e P = $\frac{1}{5}$ (8+14+18). $\mathcal{T}$ derived from these hours
826a	Cayenne	MS. data supplied by Ministère des Colonies, Paris	T, 35 yrs., 1890-1927. P, 1859-99; 1903-12	e P = 9h. $\mathcal{T}$ derived from ½ (M+m)
831	10° - 5° N. 30°-25° W.	MS. data supplied by Meteor. Inst., Copenhagen, Meteor. Inst., De Bilt and Meteor. Office, London	P, $\mathcal{T}$, Sea Temp. (Jan., Feb., Dec.) 1870-1914; '22-26. (Mar. to May) 1856-1919; '22-26. (June to Nov.) 1870-1926	P, $\mathcal{T}$. Sea Temp. = ½ (8+20)
833	Konakri	Dakar, Bull. Serv. Météor., A.O.F., 1933	T, 15 yrs., 1905-31. R, 15 yrs., 1904-22	dex P = ½ (8+18)
834	Freetown, Sierra Leone	MS. data at M.O.	P, 1901-35. R, 1874-1920	e P, $\mathcal{T}$ (July to Dec., Yr.) = ½ (9+17) $\mathcal{T}$ (Jan. to June) = ¼ (17+M+2m)
835	Assuantsi	Do.	T, 1921-36. R, 19 yrs.	de P = 9h.
836	Accra	Do.	P, 1921-36. T, 25 yrs., 1888-1931. R, 41 yrs.	dē Do.
837	Lagos	Do.	P, 10 yrs., 1926-36. T, 35 yrs., 1891-1927. R, 35 yrs., 1891-1926	ce P = ½ (9+15). $\mathcal{T}$ = $\frac{1}{5}$ [9+(2x15)+2m]
838	Victoria, Nigeria	Do.	R, 1922-36	cde P = ½ (9+15)
839	Yola	Do.	T, 25 yrs., 1904-19; '24-34. R.1904-28	$\mathcal{T}$ derived from ½ (M+m)
841	Barumbu.	MS. data supplied by Ministère des Colonies, Bruxelles	..	d ..
842	Wau	Cairo, Phys. Dept., Meteor. Rep., 1933	P, 25 yrs., 1902-32. $\mathcal{T}$, 25 yrs., 1902-27. R, 1904-28	eg P = $\frac{1}{5}$ (8+14+20). $\mathcal{T}$ = ¼ (8+14+20+m)
843	Malakal	Do.	P, $\mathcal{T}$, 15 yrs., 1915-30. R, 1915-29	eg Do.
843a	Juba	Do.	..	eg Do.
844	Kampala (Kololo Hill)	MS. data supplied by B.E.A. Meteor. Serv., Nairobi	..	t P, $\mathcal{T}$ = mean of 24 hrs. M.S.L. pressures are not strictly comparable with those published for previous years
845	Baidoa	Tripoli, Boll. Meteor. Col. Ital., 1933	..	e P = $\frac{1}{5}$ (9+15+21)
846	Sheikh	British Somaliland Meteor. Obs., 1933	R, 12 yrs., 1921-33	..
851	Minicoy	Calcutta, India Weather Rev., 1933 and MS. data	P, R, see current data	aq P = 8h. $\mathcal{T}$ derived from ½ (M+m)
851a	Cochin	Do.	P, R, see current data. T, 1875-1920	aq Do.
852	Colombo Observatory	Ceylon Govt. Gazette Suppl., 1933	P, T, R, 51 yrs., 1869-1920	P = ½ (9½+15½) 82½° E. meridian time. $\mathcal{T}$ derived from ½ (M+m)
853	Nuwara Eliya	Do.	P, 40 yrs., 1869-1904; '13-20. T, 49 yrs., 1869-1920. R, 1869-1920	e Do.
854	Trincomalee	Do.	P, R, 50 yrs., 1869-1920. T, 51 yrs., 1869-1920	Do.
855	Koetaradja	Batavia, Regenw., Nederlandsch. Indië, 1933	R, 1879-1928	..
856	Medan	Batavia, Obs. Secondary Stations, Netherlands Indies, 1933 and Batavia, Regenw., Nederlandsch-Indië, 1933	P, 1908; '10-33. $\mathcal{T}$, 15 yrs., 1913-28. R, 1879-1928	ct P reduced to mean of 24 hrs. $\mathcal{T}$ = $\frac{1}{5}$ (6+14+20)
857	Butterworth	Singapore, Malayan Meteor. Serv., Summary Obs., 1933 and MS. data	..	P, $\mathcal{T}$ = mean of 24 hrs.
858	Singapore (Mt. Faber)	Singapore, Malayan Meteor. Serv., Summary Obs., 1933	P, 1898-1922	c P = $\frac{1}{5}$ (6+9+12+15+21). $\mathcal{T}$ = mean of 24 hrs.

ZONE 8 cont.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
859	Sandakan	MS. data at M.O.	T, R, 1879-95; 1904-29	de P = ¼ (6+9+14+20)
860	Iwahig	Manila, Weather Bureau, Meteor. Bull. Ann. Rep., 1933	P, $\mathcal{T}$, R, 15 yrs., 1914-29	c $\mathcal{T}$ P = ¼ (6+14). $\mathcal{T}$ derived from these hours
861	Tagbilaran	Manila, Weather Bureau, Ann. Rep., 1933	P, $\mathcal{T}$, 25 yrs., 1902-28. R, 1903-27	c $\mathcal{T}$ P, $\mathcal{T}$ = $\frac{1}{8}$ (2+6+10+14+18+22)
861a	Menado	See No. 856	P, 1905; '07; '09-21. $\mathcal{T}$, 15 yrs., 1912-27. R, 1879-1928	ct P reduced to mean of 24 hrs. $\mathcal{T}$ = $\frac{1}{8}$ (6+14+20)
862	Surigao	See No. 861	P, 25 yrs., 1902-28. $\mathcal{T}$, 25 yrs., 1902-29. R, 25 yrs., 1902-27	c P, $\mathcal{T}$ = $\frac{1}{8}$ (2+6+10+14+18+22)
863	Kolonie, Yap	Do.	P, 25 yrs., 1907-33. $\mathcal{T}$, 25 yrs., 1906-32. R, 25 yrs., 1905-31	P, $\mathcal{T}$ = $\frac{1}{8}$ (2+6+10+14+18+22). 120° E. meridian time
864	Palau	Tokyo, Monthly Rep. Centr. Meteor. Obs., Japan, 1933 and MS. data	P, $\mathcal{T}$, R, 1924-33	c P, $\mathcal{T}$ = $\frac{1}{8}$ (2+6+10+14+18+22)
867	Ponape	Do.	..	P, $\mathcal{T}$ = $\frac{1}{8}$ (2+6+10+14+18+22). 135° E. meridian time

ZONE 9 — BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
902	Atafu	MS. data supplied by Apia Obs., Samoa	..	d P, $\mathcal{T}$ (Aug., Sept., Yr.) = 9h. 165° W. meridian time. 'd' refers to Jan. to July, Oct. to Dec.
920	Lambayeque	Lima, Serv. Meteor. Nac. Res. Obs., 1933	..	e P = ½ (M+m). Max. generally occurs at 10h. and min. at 16h. $\mathcal{T}$ = mean of bi-hourly observations
921	Quito	Quito, Bol. Meteor. y Sism., 1933	P, R, 35 yrs., $\mathcal{T}$, 35 yrs., 1891-1928	q P, $\mathcal{T}$ = mean of 24 hrs.
923	Senna Madureira	MS. data. supplied by Directoria de Meteorologia, Rio de Janeiro	..	P = $\frac{1}{8}$ (7+14+21). $\mathcal{T}$ = ¼ (7+14+2x21)
923a	São Gabriel do Rio Negro	Do.	..	P = $\frac{1}{8}$ (7+14+21). $\mathcal{T}$ = ¼ (7+14+2x21)
924	Manaos	Do.	$\mathcal{T}$, 1920-29; R, 25 yrs., 1902-28	Do.
925	Parintins	Do.	..	..
926	Taperinha	Do.	P, $\mathcal{T}$, R, 1914-30	P = $\frac{1}{8}$ (7+14+21). $\mathcal{T}$ = ¼ (7+14+2x21)
927	Turyassu	Do.	P, R, 15 yrs., 1912-27. $\mathcal{T}$, 1912-26	q Do.
928	Barra do Corda	Do.	$\mathcal{T}$, 1912-26, R, 15 yrs. 1912-28	Do.
929	Quixeramobim	Do.	P, $\mathcal{T}$, 1924-33, R, 1896-1930	P = $\frac{1}{8}$ (7+14+21). $\mathcal{T}$ = ¼ (7+14+2x21) reduced to 24 hrs.
930	Fernando Noronha	Do.	P, T, 15 yrs., 1911-20; '22-26. R, 15 yrs., 1911-27	q P = $\frac{1}{8}$ (7+14+21). $\mathcal{T}$ = ¼ (7+14+2x21)
934	Ascension Island	MS. data at M.O.	P, 15 yrs., 1854-65; 1923-34. $\mathcal{T}$, 15 yrs., 1854-65; 1917-32. R, 32 yrs., 1854-65; '99-1935	e P = ½ (9+21). $\mathcal{T}$ derived from these hours
939	Loanda	Loanda, Res. Obs. Meteor. ... Angola, Bol. Oficial, 1933	P, 41 yrs., 1879-1925. $\mathcal{T}$, 42 yrs., 1879-1925. R, 1879-1925	P, $\mathcal{T}$ = mean of 24 hrs.
940	Brazzaville	MS. data supplied by Ministère des Colonies, Paris.	T, R, 25 yrs., 1898; 1906-25; '31-37	..
942	Tshibinda	MS. data supplied by Ministère des Colonies, Bruxelles	..	$\mathcal{T}$ = $\frac{1}{8}$ (8+14+18+M+m)
943	Masaka	Uganda Blue Book, 1933	R, 25 yrs., 1902-27	d ..
944	Nairobi (Kabete Obs.)	MS. data supplied by B.E.A. Meteor. Serv., Nairobi	..	t P, $\mathcal{T}$ = mean of 24 hrs. The pressures reduced to M.S.L. are not strictly comparable with those published in previous years.
944a	Zanzibar (Chukwani Palace)	Do.	..	t Do.
945	Afmadu	Tripoli, Boll. Meteor. Col. Ital., 1933	..	..
947	Seychelles, Port Office	Calcutta, India Weather Rev., 1933 and MS. data	P, $\mathcal{T}$, R, see current data	q P, $\mathcal{T}$ = ½ (10+16) reduced to mean of 24 hrs.
957	Padang	Batavia, Obs. Secondary Stations, Netherlands Indies, 1933 and Batavia, Regenw. Nederlandsch-Indie, 1933	P, 1908-32. $\mathcal{T}$, 1913-30. R, 1879-1928	ct P reduced to mean of 24 hrs. $\mathcal{T}$ = $\frac{1}{8}$ (6+14+20)
958	Batavia	Batavia, Obs. R. Magn. and Meteor. Obsy., 1933 and Batavia, Regenw. Nederlandsch-Indie, 1933	P, $\mathcal{T}$, 1866-1935. R, 1864-1923	et P, $\mathcal{T}$ = mean of 24 hrs.
958a	Pontianak	See No. 957	P, 1906-30. $\mathcal{T}$, 15 yrs., 1912-24; '27-30. R, 1879-1936	ct P reduced to mean of 24 hrs. $\mathcal{T}$ = $\frac{1}{8}$ (6+14+20)
959	Pasoeroean	Do.	P, $\mathcal{T}$, 1901-25. R, 1879-1928	ct Do.
960	Kajoemas	Batavia, Regenw. Nederlandsch-Indie, 1933	R, 1888-1928	..
962	Amboina	See No. 957	P, 1906-30. $\mathcal{T}$, 15 yrs., 1912-27. R, 1879-1928	ct P reduced to mean of 24 hrs. $\mathcal{T}$ = $\frac{1}{8}$ (6+14+20)
963	Manokwari	See No. 960	R, 27 yrs., 1900-28	..
965	Daru	Port Moresby, Papua Govt. Gazette, 1933-34	P, 18 yrs., 1894-1922. T, 25 yrs., 1897-1933. R, 35 yrs., 1894-1933	d P = 9h
966	Port Moresby	Do.	P, 35 yrs., 1891-1933. T, 33 yrs., 1891-1930. R, 38 yrs., 1891-1930	d Do.
967	Rabaul	MS. data supplied by Meteor. Bureau, Melbourne	P, T, R, 1916-31	d P = ½ (9+15)
969	Tulagi, Brit. Solomon Is.	MS. data at M.O.	T, 25 yrs., 1907-32. R, 35 yrs., 1898-1933	$\mathcal{T}$ derived from ½ (M+m). Pressure appears unreliable
970	Ocean Island	Do.	P, 25 yrs., 1905-31. T. (Jan. to Nov.) 25 yrs., 1905-30 (Dec., Yr.) 1927-37. R, 1905-29	ce P, $\mathcal{T}$ (Dec., Yr.) = ½ (8+20). (Jan. to Nov.) derived from ½ (M+m)
972	Funafuti, Ellice Is.	Do.	..	cde P = ½ (8+14)

ZONE 10 — BETWEEN LATITUDE 10° S. AND 20° S.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
1001	Vavau	MS. data supplied by Telegraph and Telephone Dept., Nukualofa, Tonga	..	dx P = 20h. 40m
1002	Apia, Samoa	Wellington, Rep. Apia Obsy., Samoa, 1933	P, 1890-1930. $\mathcal{T}$, 1911-30. R, 1890-1924	P, $\mathcal{T}$ = mean of 24 hrs.
1003	Alofi, Niue Island	Wellington, Meteor. Obs., 1933	P, 15 yrs., 1907-14; '26-33; T. 25 yrs., 1907-33. R, 25 yrs., 1908-31	P = 9h. $\mathcal{T}$ derived from ½ (M+m)
1004	Pukapuka, Danger Island	Do.	..	d $\mathcal{T}$ (Apr.) = 9h. "d" refers to Jan. to Mar., May to July, Dec.
1005	Aitutaki, Cook Islands	Do.	..	d ..
1007	Papeete (Hamuta)	MS. data supplied by Serv. Météor., Papeete	..	de P = ¼ (1st and 2nd max. + 1st and 2nd min.)
1021	Lima	Lima, Serv. Meteor. Nac. Res. Obs., 1933	..	e P = ½ (M+m). Max. usually occurs at 10h. and min. at 16h. $\mathcal{T}$ = mean of bi-hourly observations
1022	Arica	Santiago, Publ. Inst. Meteor. Chile, No. 46, An. 1933	T, 10 yrs., 1914-32. R, 19 yrs., 1903-34	ce P = $\frac{1}{8}$ (7+13+18). $\mathcal{T}$ = ¼ (7+18+M+m)
1024	La Paz, Bolivia	La Paz, Res. Obs. Meteor., 1933 and MS. data	P, $\mathcal{T}$, 1918-32. R, 35 yrs., 1891-1931	q P = $\frac{1}{8}$ (7+14+21). $\mathcal{T}$ = ¼ (7+14+2x21)
1025	Corumbá	MS. data supplied by Directoria de Meteorologia, Rio de Janeiro	P, $\mathcal{T}$, 1924-33. R, 15 yrs., 1912-27	600 W. meridian time P = $\frac{1}{8}$ (7+14+21). $\mathcal{T}$ = ¼ (7+14+2x21)

ZONE 10 cont.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
1026	Cuyaba	MS. data supplied by Directoria de Meteorologia, Rio de Janeiro	P, T, R, 1901-25	q P = $\frac{1}{8}$ (7+14+21). $\mathcal{T}$ = ¼ (7+14+2x21)
1027	Bello Horizonte	Do.	P, 15 yrs., 1910-26. $\mathcal{T}$, 1910-24, R, 15 yrs., 1910-25	q P = $\frac{1}{8}$ (7+14+21). $\mathcal{T}$ = ¼ (7+14+2x21)
1028	Caetite	Do.	P, R, 15 yrs., 1909-26. $\mathcal{T}$, 1912-26	q P = $\frac{1}{8}$ (7+14+21). $\mathcal{T}$ = ¼ (7+14+2x21)
1029	Ondina (Bahia)	Do.	P, $\mathcal{T}$, 1924-33. R, 35 yrs., 1880-1929	P = $\frac{1}{8}$ (7+14+21). $\mathcal{T}$ = ¼ (7+14+2x21)
1030	Aracaju	Do.	P, 10 yrs., 1924-34. $\mathcal{T}$, R, 10 yrs., 1923-33	P = $\frac{1}{8}$ (7+14+21). $\mathcal{T}$ = ¼ (7+14+2x21)
1035	St. Helena	MS. data at M.O.	P, 17-19 yrs., 1925-44. T, 10 yrs., 1925-36. R, 10 yrs., 1925-35	e P = 6½h. $\mathcal{T}$ derived from 6½h.
1039	Mossamedes	Loanda, Res. Obs. Meteor. ... Angola, Bol. Oficial, 1933 and MS. data	R, 13 yrs., 1913-34	ex P = ½ (8+14)
1041	Livingstone	Northern Rhodesia Meteor. Rep. 1932-33 and 1933-34	T, R, 10 yrs., 1922-32	ce Do.
1041a	Elisabethville	MS. data supplied by Ministère des Colonies, Bruxelles	P, 15 yrs., 1912-31. T, 20 yrs., 1911-34. R, 1912-26	e P = 8h.
1042	Gwelo	MS. data at M.O.	T, R, 1907-31	e Do.
1043	Salisbury (Dept. Agric.)	Do.	P, 1921-36. T, 1897-1931. R, 1896-1930	eq P, $\mathcal{T}$ = mean of 24 hrs.
1044	Zomba	Nyasaland Govt. Gazette, 1933	P, 1908-32. T, R, 1892-1926	cde P = ½ (9+15)
1045	Mossuril	Lourenço Marques, Rel. Obs. Compos Rodrigues, 1933	P, $\mathcal{T}$, R, 12 yrs., 1924-37	P, $\mathcal{T}$ = mean of 24 hrs.
1046	Antananarivo	Tananarive, Bull. Mens. 1933 and MS. data	P, $\mathcal{T}$, 1890-1923. R, 1890-1924	eq Do.
1046a	Tamatave	Tananarive, Serv. Meteor., Obs. Climat., 1933	..	cd P = 7h
1047	Vohémar	Do.	..	d P = ¼ (1st and 2nd max. + 1st and 2nd min.)
1048	Antalaha	Do.	..	d Do.
1055	Cocos, Keeling Is.	MS. data supplied by Meteor. Bureau, Melbourne	T, 1905-37. R, 1904-37	d ..
1057	Christmas Island	MS. data at M.O.	P, T, R, 1902-36	P = ½ (9+21); $\mathcal{T}$ = ¼ (9+21+M+m)
1061	Koepang	Batavia, Obs. Secondary Stations, Netherlands Indies, 1933 and Batavia, Regenw., Nederlandsch-Indie, 1933	P, 15 yrs., 1910-25. $\mathcal{T}$, 15 yrs., 1912-27. R, 1879-1928	ct P reduced to mean of 24 hrs. $\mathcal{T}$ = $\frac{1}{8}$ (6+14+20)
1061a	Derby	See No. 1055	P, 1897-1931. T, 1897-1930. R, 1886-1930	P = ½ (9+15)
1062	Hall's Creek	Do.	P, 1901-25. T, 1899-1931. R, 1891-1930	P = ½ (9+15). $\mathcal{T}$ derived from ½ (M+m)
1063	Darwin	Do.	P, T, 1882-1930. R, 1870-1930	Do.
1064	Daly Waters	Do.	P, 1881-1919. T, 1886-1930. R, 1873-1930	Do.
1065	Palmerville	Do.	P, 1907; '10-34. T, 1907-34. R, 1890-1934	P = ½ (9+15)
1066	Georgetown, Queensland	Do.	P, 1910-24. T, 1907-30. R, 1872-1932	Do.
1066a	Willis Island	Do.	P, T, R, 1922-36	P = ½ (9+15). $\mathcal{T}$ = $\frac{1}{8}$ (9+15+21)
1067	Samarai	Port Moresby, Papua Govt. Gazette, 1932-34	P, 15 yrs., 1904-24. T, 15 yrs., 1904-23. R, 25 yrs., 1891-1930	P = 9h. $\mathcal{T}$ derived from ½ (M+m)
1070	Vila, New Hebrides	MS. data supplied by the Resident Commissioner, Vila, New Hebrides	..	de P = ½ (9+15)
1071	Rotuma, Fiji	MS. data at M.O.	..	ce P = ½ (8½+15½). $\mathcal{T}$ derived from ½ (M+m)
1072	Suva, Fiji	Do.	P, T, R, 1886-1928	ce Do.

ZONE 11 — BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
1101	Nukualofa, Tonga	MS. data at M.O.	..	dx P = 20h. 40m.
1105	Rarotonga (Avarua)	Wellington, Meteor. Obs., 1933	T, 25 yrs., 1899-1926. R, 1899-1933	$\mathcal{T}$ derived from ½ (M+m)
1121	Punta Tortuga, Coquimbo	Santiago, Publ. Inst. Meteor. Chile, No. 46, An. 1933	P, 35 yrs., 1870-1930. T, 1911-35. R, 1900-34	ce P = $\frac{1}{8}$ (7+13+18). $\mathcal{T}$ = ¼ (7+18+M+m)
1122	Antofagasta	Do.	P, T, 15 yrs., 1919-34. R, 24 yrs., 1904-34	ce Do.
1123	Catamarca	MS. data supplied by Direccion Meteorologia, Buenos Aires	P, 1901-25. $\mathcal{T}$ (Jan. to Sept.), 1904-28. T (Oct., Dec.), 1924-33. R, 1902-26	e P, $\mathcal{T}$ = mean of bi-hourly observations
1124	Salta	Do.	P, $\mathcal{T}$, R, 1901-25	eq P, $\mathcal{T}$ = mean of 24 hrs.
1125	Goya	Do.	P, $\mathcal{T}$, R, 1877-1924	ce P, $\mathcal{T}$ = $\frac{1}{8}$ (8+14+20) corrected to mean of 24 hrs.
1126	Asuncion	Do.	P, 35 yrs., 1893-1931. $\mathcal{T}$, 1892-1911; '17-31. R, 40 yrs.	ce Do.
1127	Curityba	MS. data supplied by Directoria de Meteorologia, Rio de Janeiro	P, 38 yrs., 1885-1924. $\mathcal{T}$, 1885-1916, '20-22. R, 1885-1917, '20-25	q P = $\frac{1}{8}$ (7+14+21). $\mathcal{T}$ = ¼ (7+14+2x21)
1128	Rio de Janeiro	Do.	P, R, 1851-1925. $\mathcal{T}$, 1871-1925	e P, $\mathcal{T}$ = mean of 24 hrs.
1139	Windhoek	MS. data supplied by Meteor. Assistant, Windhoek	T, 25 yrs., 1901-33. R, 35 yrs.	eu P = 8½h. $\mathcal{T}$ = ¼ (8½+14½+20½+m)
1140	O'Okiep	Pretoria, Meteor. Office Rep., 1933 and MS. data	P, T, 35 yrs., 1900-35. R, 1882-1924	equ P = ½ (8½+15). $\mathcal{T}$ derived from ½ (M+m)
1141	Kimberley	Do.	P, 35 yrs., 1895-1930. $\mathcal{T}$, 35 yrs., 1897-1932. R, 1894-1928	eq P, $\mathcal{T}$ = mean of 24 hrs.
1141a	Johannesburg	Do.	P, T, 1904-28. R, 1888-1924	eq P = 8½h. $\mathcal{T}$ derived from ½ (M+m)
1142	Bulawayo	MS. data at M.O.	P, T, R, 1897-1931	eq P, $\mathcal{T}$ = mean of 24 hrs.
1143	Durban	See No. 1140	P, 1884-1920. T, 1885-1920. R, 1873-1920	e P = 8½h. $\mathcal{T}$ derived from ½ (M+m)
1144	Lourenço Marques	Lourenço Marques, Rel. Obs. Campos. Rodrigues, 1933	P, $\mathcal{T}$, R, 1910-37	P, $\mathcal{T}$ = mean of 24 hrs.
1145	Tuléar	Tananarive, Serv. Meteor. Obs. Climat., 1933	..	P = (1st and 2nd Max. + 1st and 2nd min.)
1146	Fort Dauphin	Do.	..	d P = 7h.
1147	Mauritius	Mauritius, Results Meteor. Obs., 1933 Royal Alfred Observatory	P, 1875-1930. $\mathcal{T}$, 1861-1919. R, 1871-1930	e P, $\mathcal{T}$ = mean of 24 hrs.
1159	Onslow	MS. data supplied by Meteor. Bureau, Melbourne	P, 1897-1931. T, 1897-1930. R, 1886-1930	P = ½ (9+15)
1160	Cue	Do.	P, 1897-1931. T, 1897-1930. R, 1895-1930	Do.
1161	Nullagine	Do.	P, 1900-24. T, 1899-1930. R, 1898-1930	Do.
1162	Laverton	Do.	P, 1901-25. T, 1901-30. R, 1900-30	P = ½ (9+15). $\mathcal{T}$ derived from ½ (M+m)
1163	Alice Springs	Do.	P, 1885-1923. T, 1879-1930. R, 1874-1930	q Do.
1164	William Creek	Do.	P, 1889-1923. T, 1889-1927. R, 1874-1930	Do.
1164a	Boulia	Do.	P, 1900-24. T, 1898-1931. R, 1886-1932	Do.
1165	Thargomindah	Do.	P, 1910-24. T, 1907-30. R, 1879-1932	Do.
1166	Mitchell	Do.	P, 1910-14; '18-27. T, 1907-30. R, 1884-1932	P = ½ (9+15)
1167	Rockhampton	Do.	P, 1889-1923. T, 1898-1931. R, 1871-1932	d Do.
1168	Brisbane	Do.	P, 41 yrs. T, 1887-1930. R, 83 yrs., 1840-1932	P = ½ (9+15). $\mathcal{T}$ = ¼ (9+15+21+m)
1170	Norfolk Island	Do.	P, 15 yrs., 1908-27. T, 15 yrs., 1878-84; 1915-27. R, 1887-1912; '15-23	d P = 9h.

ZONE 12 — BETWEEN LATITUDE 30° S. AND 40° S.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
1221	Juan Fernandez	Santiago, Publ. Inst. Meteor. Chile, No. 46, An. 1933	P, 1923-34. T, 18 yrs., 1901-32. R, 23 yrs., 1902-34	ce P = ⅓ (7+13+18).$\mathcal{T}$ = ¼ (7+18+M+m)
1221a	Punta Tumbes	Do.	P, R, 1901-35. T, 35 yrs., 1901-36	ce Do.
1222	Punta Angeles, Valparaiso	Do.	P, R, 41 yrs., 1869-1934. T, 25 yrs., 1906-32	ce Do.
1222a	Santiago	Do.	P, 1861-1921. T, 1921-30. R, 1867-1921	ce Do.
1223	Cordoba	MS. data supplied by Dirección de Meteorologia, Buenos Aires	P, $\mathcal{T}$, R, 1873-1924	e P, $\mathcal{T}$ = mean of 24 hrs.
1224	Bahia Blanca	Do.	R, 1860-83; '85-1924	..
1225	Buenos Aires (Chacarita)	Do.	P, 1858-1924. $\mathcal{T}$, 1856-1924. R, 1861-1924	e P, $\mathcal{T}$ = mean of 24 hrs.
1226	Montevideo (Prado)	Montevideo, Bol. Meteor., 1933 and MS. data	P, 1901-20; '29-33. T, R, 1901-20; '25-29	Do.
1226a	Porto Alegre	Porto Alegre, Inst. Coussirat Araujo, Bol. An., 1933	P, $\mathcal{T}$, R, 1910-24	e Do.
1239	Cape Town	Pretoria, Meteor. Office Rep., 1933	P, R, 1841-1928. T, 1857-1924	u P = ⅓ (8½ + 12½+21). $\mathcal{T}$ derived from ½ (M+m)
1240	Klaver	Pretoria, Meteor. Office Rep., 1933 and MS. data	P, T, 1924-36. R, 13 yrs., 1923-36	ew P = 8½h.
1241	Riversdale	Do.	T, 15 yrs., 1918-33. R, 49 yrs.	eu Do.
1242	East London	Do.	P, 1870-1904. T, 1881-1906; '10-19. R, 35 yrs., 1877-1914	ce P = ½ (8½+15)
1259	Perth (Observatory)	MS. data supplied by Meteor. Bureau, Melbourne	P, 43 yrs., T, 1897-1930. R, 1876-1930	P = ½ (9+15). $\mathcal{T}$ derived from ½ (M+m)
1260	Katanning	Do.	P, T, 1897-1931. R, 1892-1930	P = ½ (9+15)
1261	Coolgardie	Do.	P, 1897-1931. T, 1897-1930. R, 1893-1930	P P = ½ (9+15). $\mathcal{T}$ derived from ½ (M+m)
1262	Eucla	Do.	P, 1879-1918. T, 1878-1927. R, 1876-1927	Do.
1263	Streaky Bay	Do.	P, 1890-1924. T, 1891-1930. R, 1878-1930	Do.
1264	Adelaide	Do.	P, T, 80 yrs. R, 98 yrs.	Do.
1265	Melbourne	Do.	P, 70 yrs. T, R, 1856-1937	P = mean of 24 hrs. $\mathcal{T}$ derived from ½ (M+m)
1266	Bourke	Do.	P, 1907-29. T, 1878-1930. R, 1873-1930	P = ½ (9+15)
1267	Sydney	Do.	P, 69 yrs. T, R, 1859-1937	P = ½ (9+15). $\mathcal{T}$ = ¼ (9+15+21+m)
1268	Lord Howe Island	Do.	P, 1914-28. T, 1913-21; '23-28. R, 1897-1912; '15-23	P = 9h.
1271	Auckland	Wellington, Meteor. Obs. 1933	P, 33 yrs., 1863-82; 1916-30. T, 1864-1923. R, 77 yrs.	Do.
1272	Napier	Do.	T, 34 yrs. R, 52 yrs.	..

ZONE 13 — BETWEEN LATITUDE 40° S. AND 50° S.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
1301	Chatham Island	MS. data supplied by Meteor. Office, Wellington, N.Z.	P, 1913-14; '20-25; '29-30. R, 35 yrs., 1879-81; '94-1932	P = 9h.
1321	Isla Guafo	Santiago, Publ. Inst. Meteor. Chile, No. 46, An., 1933	P, R, 1908-32. T, 1909-30	ce P = ⅓ (7+13+18). $\mathcal{T}$ = ¼ (7+18+M+m)
1322	Punta Galera	Do.	P, T, R, 1899-1933	ce Do.
1323	Sarmiento	MS. data supplied by Dirección de Meteorologia, Buenos Aires	P, 25 yrs., 1903-28. $\mathcal{T}$, R, 1903-27	e P, $\mathcal{T}$ = mean of 24 hrs.
1324	Puerto Madryn	Do.	P, 25 yrs., 1902-30. $\mathcal{T}$, 1901-25. R, 25 yrs., 1902-28	e P, $\mathcal{T}$(Jan. to Sept.) = mean of 24 hrs. P, $\mathcal{T}$(Oct. to Dec.) derived from ⅓ (8+14+20)
1365	Launceston	MS. data supplied by Meteor. Bureau, Melbourne	P, 1905-29. T, 1889-1930	P = ½ (9+15). $\mathcal{T}$ derived from ½ (M+m)
1366	Hobart	Do.	P, 43 yrs., T, 1871-1937. R, 1841-79; '82-1937	Do.
1369	Invercargill	Wellington, Meteor. Obs. 1933	T, 20 yrs. R, 36 yrs.	..
1370	Alexandra	Do.	..	$\mathcal{T}$ = mean of 24 hrs.
1371	Dunedin	Do.	P, 1913-30. T, 66 yrs. R, 73 yrs.	P = 9h
1371a	Christchurch	Do.	P, 1864-80; 1905-30. T, 42 yrs. R, 53 yrs.	Do.
1372	Wellington	Do.	P, 65 yrs., 1864-1930. T, 66 yrs. R, 1862-1923	e P, $\mathcal{T}$ = mean of 24 hrs.

ZONE 14 — BETWEEN LATITUDE 50° S. AND 60° S.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
1421	Isiota de los Evangelistas	Santago, Publ. Inst. Meteor. Chile, No. 46, An., 1933	P, R, 1899-1933. T, 1901-24	ce P = ⅓ (7+13+18). $\mathcal{T}$ = ¼ (7+18+M+m)
1422	Magallanes	Do.	P, 1889-1924. T, R, 1888-1924	c Do.
1423	Punta Dungeness	Do.	P, 35 yrs., 1900-36. T, 25 yrs., 1905-06; '12-36. R, 25 yrs., 1903-29	ce Do.
1424	Santa Cruz	MS. data supplied by Dirección de Meteorologia, Buenos Aires	P, 25 yrs., 1903-31. $\mathcal{T}$, 1901-25. R, 25 yrs., 1896-1925	e P (Jan. to July), $\mathcal{T}$ = mean of 24 hrs. P (Aug. to Dec.) derived from ⅓ (8+14+20)
1425	Stanley, Falkland Is.	MS. data at M.O.	P, 15 yrs., 1875-77; 1922-34. T, 15 yrs., 1874-83; 1922-30. R, 35 yrs., 1874-91; 1904-33	e P = 9h.
1426	Cape Pembroke	Do.	P, 1895-1929. $\mathcal{T}$, 35 yrs., 1895-1930	e P, $\mathcal{T}$ = ⅓ (4+8+12+16+20+24). No rain gauge.
1429	S. Georgia (Cumberland Bay)	Do.	P, 25 yrs., 1906-32. $\mathcal{T}$, 1905-30. R, 25 yrs., 1906-31	e P = ⅓ (8+14+20). $\mathcal{T}$ derived from these hours

ZONE 15 — BETWEEN LATITUDE 60° S. AND 70° S.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 115
1527	South Orkneys	MS. data supplied by Dirección de Meteorologia, Buenos Aires	P, $\mathcal{T}$, 1903-27. R, 25 yrs., 1904-30	e P, $\mathcal{T}$ = mean of 24 hrs.

NOTES

Unless otherwise stated, the hours of observation refer to Local Mean Time.

a. Maximum thermometer read at hour of morning Observation and entered to day of reading.
c. International Zone Time.
d. $\mathcal{T}$ derived from table below.
e. M.S.L. reduction applied in M.O.
f. At Cairo, mean temperatures obtained by this formula are 0·7°A. too low.
g. At Khartoum, mean temperatures obtained by this formula are 1·0°A. too low.
h. 10h. refers to local mean time and 17h. to Indian standard time.
k. Absolute maximum taken from observations at fixed hours.
l. Absolute minimum taken from observations at fixed hours.
n. 75°W. meridian time.
q. Pressure differences from normal refer to station level values.
t. Maximum and minimum temperatures from thermograph.
u. 30°E. meridian time.
w. 15°E. meridian time.
x. Greenwich Mean Time.

Normals for which the period is enclosed in brackets have been computed by comparison with neighbouring stations.
The statement that $\mathcal{T}$ is derived from a certain combination, means that a correction has been applied to the values given by this combination, to obtain the approximate true mean temperature.
Summary of Wind within the Tropics:- The information is extracted from MS. data at M.O.

REDUCTION TO TRUE MEAN TEMPERATURE

The following references give the more important authorities for the corrections which have been applied to reduce the temperature, either means of observations at fixed hours or means of maxima and minima, to true mean.

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The following table gives approximate corrections for the limits 30° N. to 30° S. to reduce ½(M+m) to true mean temperature ($\mathcal{T}$), taking into consideration the height and the daily range (M - m). It can be applied in cases where no other correction is available, and has been so used in the tables in this issue.

Daily range	Height in metres							
	0	500	1000	1500	2000	2500	3000	3500
	°A.	°A.	°A.	°A.	°A.	°A.	°A.	°A.
4	- ·35	- ·42	- ·49	- ·56	- ·63	- ·70	- ·77	- ·84
6	- ·42	- ·50	- ·58	- ·66	- ·74	- ·82	- ·90	- ·98
8	- ·52	- ·59	- ·65	- ·72	- ·78	- ·85	- ·91	- ·98
10	- ·64	- ·67	- ·70	- ·73	- ·76	- ·79	- ·82	- ·85
12	- ·79	- ·76	- ·73	- ·70	- ·67	- ·64	- ·61	- ·58
14	- ·97	- ·85	- ·73	- ·61	- ·49	- ·37	- ·25	- ·13

SUMMARY OF WINDS WITHIN THE TROPICS - 1933

MONTH	FANNING ISLAND 805		SIERRA LEONE 834				ASCENSION ISLAND 934				TULAGI 969	
	9h.		9h.		17h.		9h.		21h.		9h.	
	§Resultant	§Normal	§Resultant	§Normal	§Resultant	§Normal	§Resultant	§Normal	§Resultant	§Normal	§Resultant	§Normal
January	115° (86)	115° (82)	67° (28)	65° (29)	239° (48)	240° (42)	98° (86)	125° (81)	99° (86)	125° (76)	108° (7)	320° (15)
February	104° (91)	100° (80)	279° (22)	285° (14)	227° (79)	235° (71)	95° (84)	125° (79)	93° (85)	125° (73)	71° (32)	310° (20)
March	88° (90)	90° (81)	294° (23)	275° (27)	227° (70)	235° (72)	90° (85)	130° (81)	95° (84)	130° (79)	59° (45)	320° (11)
April	79° (86)	90° (82)	357° (6)	280° (23)	217° (71)	240° (73)	84° (85)	125° (83)	94° (82)	125° (75)	116° (34)	125° (31)
May	100° (89)	100° (75)	8° (22)	330° (9)	235° (68)	235° (63)	113° (88)	125° (85)	116° (85)	125° (78)	120° (51)	130° (66)
June	112° (88)	115° (77)	78° (22)	50° (19)	227° (73)	225° (48)	144° (95)	125° (84)	145° (94)	125° (81)	216° (61)	130° (81)
July	131° (89)	120° (81)	126° (9)	245° (11)	225° (70)	230° (60)	134° (91)	125° (82)	134° (84)	125° (78)	125° (74)	135° (81)
August	132° (94)	125° (86)	21° (44)	235° (27)	217° (82)	230° (68)	135° (97)	125° (82)	136° (96)	125° (77)	129° (89)	135° (79)
September	131° (93)	130° (86)	61° (26)	305° (2)	222° (84)	230° (61)	131° (95)	125° (83)	132° (97)	125° (78)	128° (84)	135° (76)
October	132° (92)	135° (81)	55° (61)	60° (32)	220° (74)	235° (47)	118° (82)	125° (84)	122° (86)	125° (79)	128° (78)	135° (74)
November	123° (91)	125° (80)	64° (39)	60° (33)	217° (66)	235° (49)	134° (94)	125° (85)	134° (96)	125° (85)	99° (51)	130° (45)
December	122° (91)	115° (80)	56° (36)	60° (35)	209° (33)	245° (41)	139° (77)	130° (82)	139° (74)	125° (79)	100° (15)	130° (12)
Year	115° (86)	115° (79)	53° (14)	20° (7)	225° (67)	235° (57)	119° (83)	125° (83)	121° (83)	125° (78)	122° (42)	130° (42)
Period of Normals	15 yrs., 1909-30		15 yrs., 1910-25				10 yrs., 1923-33				1909-23	

MONTH	OCEAN ISLAND 970				APIA, SAMOA 1002			ST. HELENA** 1035		SUVA, FIJI 1072			
	8h.		20h.		9h.		15½h.	6½h.		8½h.		15½h.	
	§Resultant	§Normal	§Resultant	§Normal	§Resultant	§Normal	§Resultant	§Resultant	§Normal	§Resultant	§Normal	§Resultant	§Normal
January	60° (20)	65° (45)	275° (15)	70° (34)	54° (43)	75° (27)	55° (46)	156° (90)	142° (92)	86° (49)	90° (45)	104° (72)	105° (59)
February	88° (72)	75° (54)	88° (30)	75° (48)	87° (41)	65° (24)	96° (57)	162° (90)	141° (90)	21° (31)	80° (45)	13° (42)	105° (50)
March	98° (85)	75° (58)	84° (22)	75° (46)	129° (31)	75° (37)	78° (20)	156° (87)	142° (88)	24° (50)	80° (37)	68° (52)	100° (49)
April	94° (73)	80° (68)	111° (13)	75° (54)	111° (80)	95° (48)	116° (70)	159° (83)	138° (89)	43° (56)	90° (49)	87° (58)	95° (64)
May	99° (83)	85° (72)	95° (30)	85° (55)	126° (70)	105° (56)	119° (79)	157° (87)	139° (86)	49° (43)	100° (47)	93° (60)	105° (59)
June	102° (67)	90° (70)	148° (11)	85° (57)	140° (70)	100° (61)	112° (76)	150° (91)	136° (84)	75° (39)	95° (43)	91° (54)	100° (65)
July	114° (81)	90° (54)	116° (36)	85° (49)	142° (67)	100° (63)	117° (69)	167° (90)	139° (86)	76° (38)	95° (46)	92° (67)	105° (61)
August	105° (90)	95° (59)	100° (44)	95° (55)	127° (87)	100° (76)	111° (86)	164° (87)	141° (89)	64° (39)	105° (47)	97° (62)	110° (65)
September	111° (88)	95° (52)	103° (33)	85° (43)	95° (69)	95° (70)	104° (73)	163° (89)	143° (91)	91° (62)	105° (57)	108° (89)	110° (68)
October	96° (91)	95° (44)	92° (61)	85° (25)	89° (79)	95° (66)	93° (76)	160° (92)	145° (92)	75° (68)	100° (60)	95° (80)	105° (74)
November	106° (85)	80° (23)	95° (29)	60° (14)	93° (63)	80° (56)	82° (59)	159° (89)	142° (93)	55° (46)	100° (62)	85° (73)	110° (71)
December	91° (86)	65° (35)	91° (89)	65° (28)	19° (36)	90° (44)	55° (37)	167° (92)	144° (91)	68° (65)	100° (51)	94° (73)	105° (72)
Year	100° (76)	85° (52)	97° (32)	80° (42)	108° (53)	90° (52)	100° (59)	160° (89)	141° (89)	64° (48)	95° (49)	92° (64)	105° (63)
Period of Normals	1921-30				1922-31			1893-1920		45 yrs., 1883-1928		1927-36	

§Direction and Constancy. For explanation see Introduction.
**Normal refers to 9h. at the old site of St. Matthew's Vicarage.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC - 1933

MONTH	KARA SEA†		BARENTS SEA†		GREENLAND SEA†		NEWFOUNDLAND BANKS †† (South of 48° N.)	
	Area covered sq.Km. x 10^3	Normal sq.Km. x 10^3	Area covered sq.Km. x 10^3	Normal sq.Km. x 10^3	Area covered sq.Km. x 10^3	Normal sq.Km. x 10^3	Number of Icebergs	
							Observed	Normal
January	..	..	..	..	..	..	0	3
February	..	..	..	..	..	..	2	12
March	..	..	..	..	..	..	4	43
April	255	255	1020	1155	825	1157	12	91
May	255	255	788	981	839	1062	162	139
June	255	253	566	841	672	921	36	77
July	241	240	311	519	649	718	0	26
August	46	137	46	320	255	551	0	11
September	..	..	..	..	..	..	0	8
October	..	..	..	..	..	..	0	3
November	..	..	..	..	..	..	0	3
December	..	..	..	..	..	..	0	2
Year	..	..	..	..	..	..	216	419
Period of Normals	1895-1915		1895-1915		37 yrs., 1877-1915		1900-31	

†Isforholdene i de arktiske Have, 1933 published by the Danish Meteorological Institute.
††International ice observations and ice patrol service in the North Atlantic Ocean, 1933.

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